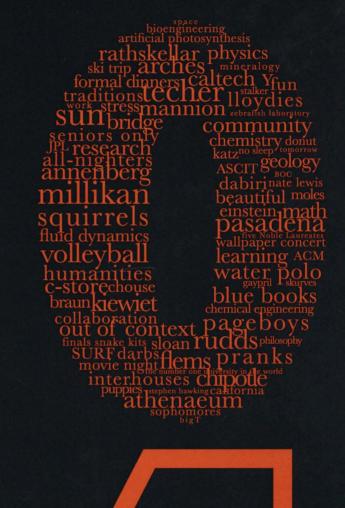
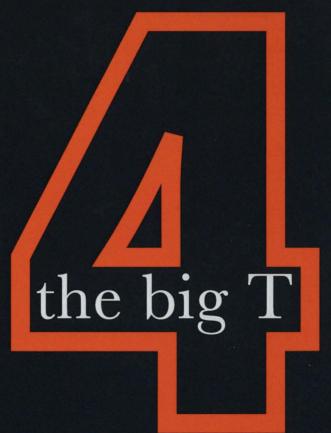
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## Caltech Big 2013-2014 Volume 93

1200 E. California Blvd. Pasadena, CA 91126 Contents

**Faculty and Staff** 

Academics

Student Life

Houses-

## Clubs and Organizations-

Athletics

Portraits

Advertisements

## letter from the editors

We hope that you, the Caltech community, enjoy the 2013-2014 Big T yearbook. By the numbers, this year was impressive. We have made new advances, set records, and solved crucial problems. It is hard to quantify the multiple events and experiences from this year. However, we tried to sum up all of the memories, divide the year, and integrate the amazing Caltech spirit in this yearbook. We have put in a lot of work and tried to differentiate this great year from the rest. Cherish the memories!

Sincerely, Meghana Pagadala, Class of 2016 Harinee Maiyuran, Class of 2016

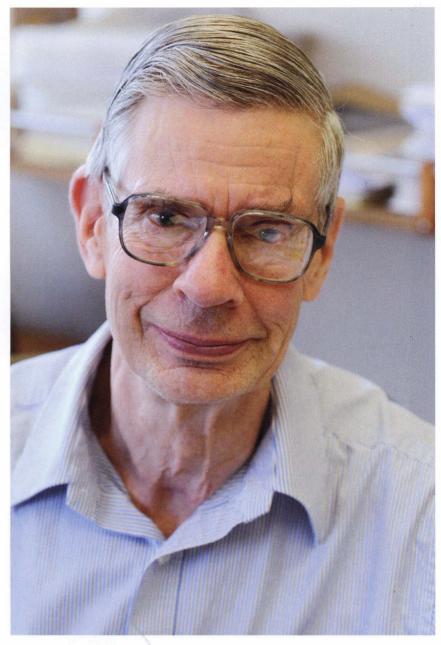
By the Numbers Big T 2013-14

# Dedication

## Steven Frautschi is a

renowned professor of theoretical physics in the Division of Physics, Mathematics, and Astronomy. Frautschi grew up in Madison, Wisconsin, and began his impressive and inspiring string of accomplishments as the first scientist in his family. After matriculating to Harvard at the age of 16, Frautschi graduated in 1954 with a degree in Physics. He then spent an exciting year bicycling around Europe and later received a PhD from Stanford. He spent his first postdoctoral years in Japan at Hideki Yukawa's Institute for Theoretical Physics in Kyoto, and then spent two more years at UC Berkeley. These were perhaps his most important years, when he developed the "bootstrap" theory of strongly interacting particles and further used his brilliant mind to study Regge Poles. In 1962, Caltech was fortunate enough to gain Frautschi as part of its faculty.

People lucky enough to be Frautschi's student can attest to his great teaching skills, a direct effect of his worldliness, ingenuity, and great personality. From his incredible sense of style to his great instruction, Frautschi is easily a favorite of all undergraduates. Some even think he is singlehandedly responsible for starting the Converse trend in the United States. Frautschi is also a great proponent of performing arts at Caltech, donating generous sums of money to ensure that Caltech students have areat musical resources. He has contributed to Caltech in every way, even serving as Master of Student Houses in his time here. Steven Frautschi is truly an inspiration.



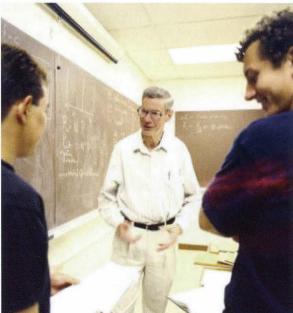


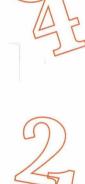


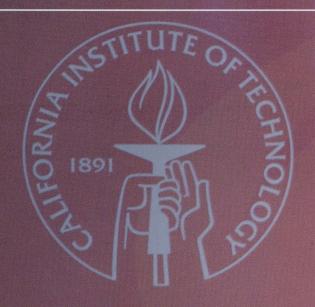
He really made physics come alive, and a question never went unanswered. He found creative ways to teach us everything! Heather Gold '16

He always has a smile on his face, and being his student was truly a pleasure. Meera Reghunathan '15



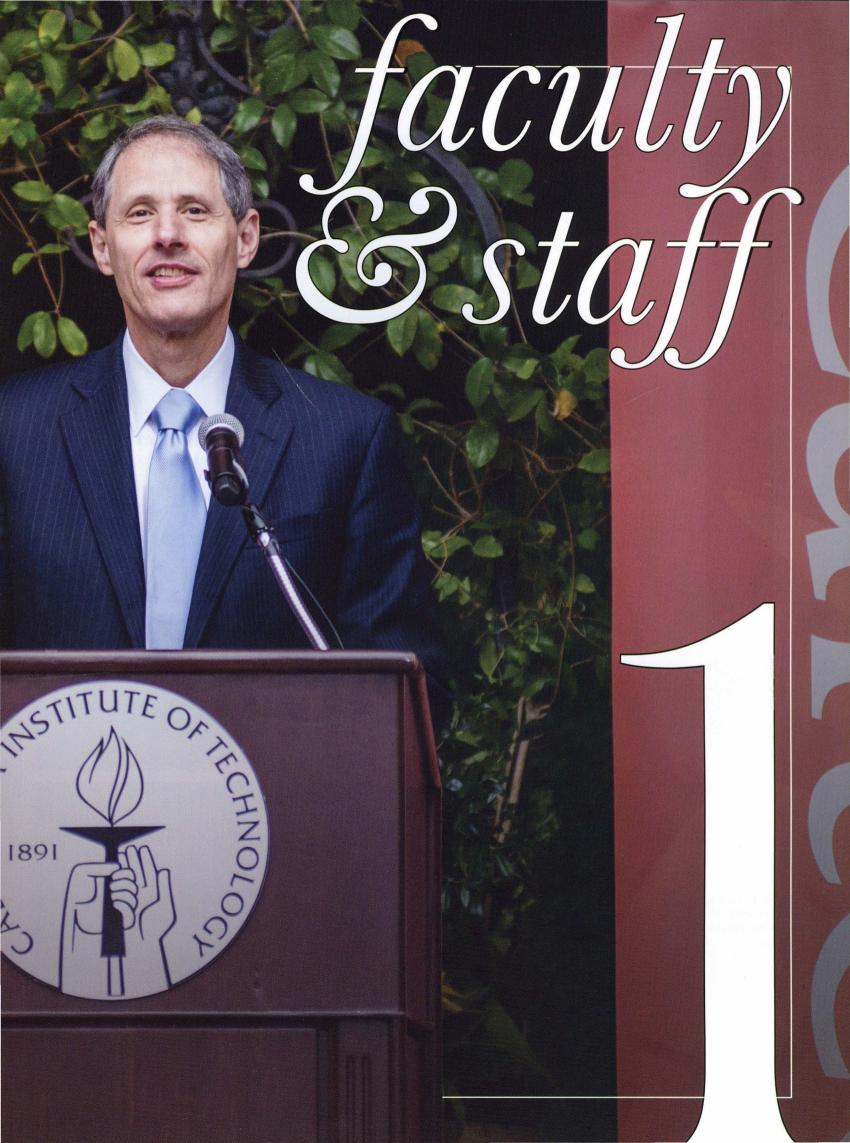






# California Institute of echnology







The Caltech Board of Trustees is responsible for overseeing the activities and affairs of the school. The current chairman of the board is David Lee.



## ADMINISTRATION

**FRONT ROW:** Brian K. Lee, Victoria D. Stratman, Mary Webster, Thomas F. Rosenbaum, Anneila Sargent, Diana Jergovic, Dean Currie, Ed Stolper, Scott Richland.







## DEVELOPMENT & INSTITUTE RELATIONS

The Development and Institute Relations supervises a wide variety of tasks including communications, marketing, donor relations, and campus programs (just to name a few).



## STUDY ABROAD

**FRONT ROW:** Katherine Montgomery, Lauren Stolper, Diana Garcia.



## CALTECH Y

**FRONT ROW:** Amy Choi, Liz Jackman, Athena Castro, Greg Fletcher, Christopher Kealey.

## SURF

**FRONT ROW:** Andrea Arias, Stefanie Garcia, Candace Rypisi, Carol Casey.

## ADMISSIONS

**FRONT ROW:** Jann Lacoss, Christine Waldor, Erin Gore, Karly Brockett. **SECOND ROW:** Matt Ybarra, Jarrid Whitney. **THIRD ROW:** Johanna Araujo, Mackenzie Brown, Marta Chang. **BACK ROW:** Tiffanie Love, Scott Jung.



## FINANCIAL AID

FRONT ROW: Cullen O'Neil, Isabel Cobos Houser. SECOND ROW: Marta Michel, Don Crewell, Malina Chang. BACK ROW: Stephanie Follis.





Caltech's library staff are always willing to help students gain the best resources to succeed at Caltech. From textbooks to study rooms, the help these indivudals offer is truly valuable.





## HEALTH CENTER

Caltech students are well cared for by the wonderful staff of the Health Center. Getting a checkup, some medical help, or a kind word is just a quick stop away.



## COUNSELING CENTER

The Caltech Counseling Center will turn your frown upside-down. The capable staff help students with any emotional or mental problems they may experience.



## CALTECH DINING SERVICES

Don't be scared, Caltech Dining Services is there! These kind and talented individuals add a little spice to the day of every Caltech student. Their limitless patience, cooking abilities, and warm smile do not go unnoticed.

## CHEMISTRY AND CHEMICAL ENGINEERING

Theodor Agapie, Jacqueline K. Barton, Jesse L. Beauchamp, John E. Bercaw, Geoffrey Blake, Long Cai, Peter B. Dervan, Dennis A. Dougherty, Gregory C. Fu, William A. Goddard, Harry B. Gray, Robert H. Grubbs, James R. Heath, Linda C. Hsieh Wilson, Rustem F. Ismagilov, Nathan S. Lewis, Rudolph A. Marcus, Vincent B. McKoy, Thomas F. Miller III, Mitchio Okumura, Jonas C. Peters, Douglas C. Rees, Sarah E. Reisman, John H. Richards, John D. Roberts, Shu-ou Shan, Brian M. Stoltz, David A. Tirrell, Daniel P. Weitekamp, Ahmed H. Zewail.



## PHYSICS, MATH, AND ASTRONOMY

Rana Adhikari, Jason Alicea, Barry C. Barish, James Bock, Yanbei Chen, Clifford Cheung, Michael C. Cross, Ronald W.P. Drever, James P. Eisenstein, Bradley W. Fillipone, Steven C. Frautschi, Peter M. Goldreich, David L. Goodstein, Sunil Golwala, Sergei Gukov, Fiona A. Harrison, Christopher M. Hirata, David Hitlin, Phillip Hopkins, David Hsieh, Anton Kapustin, Jeff H. Kimble, Alexei Kitaev, Kenneth G. Libbrecht, Lee Lindblom, Christopher Martin, Olexei I. Motrunich, Harvey B. Newman, Hirosi Ooguri, Christian D. Ott, Ryan B. Patterson, Charles W. Peck, Thomas Phillips, E. Sterl Phinney, Jerome Pine, H. David Politzer, Frank C. Porter, John P. Preskill, Thomas A. Prince, Gil Refael, Michael L. Roukes, Axel Scherer, John H. Schwarz, Barry M. Simon, B. Thomas Soifer, Maria Spiropulu, Edward

## GEOLOGY AND PLANETARY SCIENCES

Jess F. Adkins, Jean Paul Ampuero Saenz, Paul D. Asimow, Jean-Philippe Avouac, Konstantin Batygin, Geoffrey A. Blake, Simona Bordoni, Michael E. Brown, Robert W. Clayton, Bethany L. Ehlmann, John M. Eiler, Charles Elachi, Kenneth A. Farley, Woodward Fischer, John P. Grotzinger, Michael C. Gurnis, Thomas H. Heaton, Donald V. Helmberger, Andrew P. Ingersoll, Jennifer M. Jackson, Joseph Kirschvink, Heather A. Knutson, Shrinivas R. Kulkarni, Michael P. Lamb, Nadia Lapusta, Jared R. Leadbetter, Dianne K. Newman, Victoria J. Orphan, George R. Rossman, Jason B. Saleeby, Alex L. Sessions, Mark Simons, David J. Stevenson, Joann M. Stock, Edward M. Stolper, Andrew F. Thompson, Victor C. Tsai, Paul O. Wennberg, Brian P. Wernicke, Yuk L. Yung.











## ART, MUSIC, AND THEATER

Nancy Sulahian, Jim Barry, Allen Gross, Stuart Freed, Brian Brophy, Delores Bing, William Bing, Matthew Elgart.

#### PMA, CONTINUED

C. Stone, Kip S. Thorne, Thomas A. Tombrello, Rochus E. Vogt, Alan J. Weinstein, et al. ed H. Zewail, Jonas Zmuidzinas. Matthias Flach, Rupert Frank, Tom Graber, Sergei Gukov, Anton N. Kapustin, Nets Katz, Alexander Kechris, Alexei Kitaev, Nikolai Makarov, Vladimir Markovic, Elena Mantovan, Matilde Marcolli, Yi NI, Hiroshi Oguri, Eric Rains, Dinakar Ramakrishnan, Barry Simon, Richard Wilson, Tom Apostol, Michael Aschbacher, Gary Lorden, W.A.J. Luxemburg, David Wales. Judy Cohen, Marshall Cohen, George Djorgovski, Richard Ellis, Greg Hallinan, Lynne Hillenbrand, Shri Kulkarni, Tony Readhead, Anneila Sargent, Maarten Schmidt, Nick Scoville, Chuck Steidel, Geoffrey Blake, Mike Brone, John Johnson, Heather Knutson, Dave Stevenson.

## HUMANITIES

John Brewer, Warren C. Brown, Jed Z. Buchwald, Fiona Cowie, Tracy Dennison, Frederick Eberhardt, Mordechai Feingold, Kevin Gilmartin, Dehn Gilmore, Kristine Haugen, Christopher Hitchcock, Christopher Hunter, Jennifer Jahner, Catherine Jurca, Diana Kormos-Buchwald, Gideon Manning, G.W. Pigman III, Steven Quartz, Cindy Weinstein, Nicolas Wey-Gomez.

## SOCIAL SCIENCES

Ralph Adolphs, Marina Agranov, R. Michael Alvarez, Kim C. Border, Colin Camerer, Jaksa Cvitanic, Federico Echenique, Matthew Elliott, Jean Ensminger, Michael Ewens, Ben Gillen, Alexander V. Hirsch, Philip T. Hoffman, Jonathan Katz, Rod Kiewiet, J. Morgan Kousser, John Ledyard, Katrina Ligett, John O'Doherty, Peter Ordeshook, Thomas Palfrey III, Charles Plott, Antonio Rangel, Richard Roll, Jean-Laurent Rosenthal, Kota Saito, Bob Sherman, Matthew Shum, Erik Snowberg, Leeat Yariv.





# 50 Research Labs BIO+BIOE







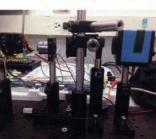




altech's Biology and Biological Engineering (BBE) department focuses on the discovery of the nature of life by combining innovation and biological principles.

This department has made leaps and bounds this year. A new course, Bi/Ge 105, travelled to the Galapagos to understand evolution firsthand. Students continued their adventure in biology by attending a symposium to honor Paul Patterson's life in science. Vivana Gradinaru and Elaine Hsiao received Director's Awards from the NIH, and Niles Pierce was named 2014 Guggenheim Fellow.







10 National Medals of Science

Faculty and Alumni Nobel Prizes

## **4** Nobel Laureates







## US News No. 1 Chemistry Department











ccomplishment and success have defined this department in the past year. Harry B. Gray was the recipient of the Othmer Gold Medal, Sarah Reisman received the Tetrahedron Young Investigator Award, and

William Goddard received the 7th World Congress on Oxidation Catalysis Award. These are few of over a dozen awards given to various faculty throughout the year. This department has no lack of fantastic teachers, with professors such as Greg Fu elected to the National Academy of Sciences and Frances H. Arnold induced into the National Inventors Hall of Fame. Amazing advances in ultrasound imaging by the Shapiro lab and in solar fuels by JCAP show a bright future for this department.

## **ENGINEERING & APPLIED SCIENCES**













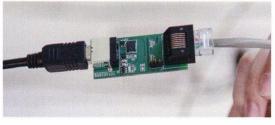


he EAS department uses interdisciplinary methods to investigate fundamental problems in science and technology. The subdepartments include Aerospace, Applied Physics & Material Science, Computing & Mathematical Sciences, Electrical Engineering, Environmental Science & Engineering, Mechanical & Civil Engineering, and the new Medical Engineering department. This year was no exception to the rising success of the department, with K. Mani Chandy winning the Hall of Fame award, the Jorgensen Laboratory winning the SCDF Science and Technology Award, Paul Dimotakis receiving the AIAA Fluid Dynamics Award, Julia Greer being named Young Global Leader by the World Economic Forum, and more.



## Members of the National Academy of Engineering





## US News and World Report No. 1 Earth Science Program in the Nation





DEVIL'S GOLF COURSE



n the GPS department, students and faculty discover new things about the origin and development of earth and other planetary objects. This department collaborates with JPL, NASA, and other institutions, doing things like confirming a subsurface ocean on Enceladus (one of Saturn's moons), celebrating Earth week, developing a geothermometer for methane formation, and detecting water vapor in



## Established in 1926



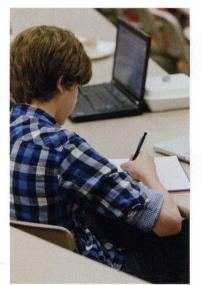
Jupiter's atmosphere. The American Association of Petroleum Geologists (AAPG) honored Michael Gurnis, and new Curiosity papers were published, marking a successful year for the department.



# **GEOLOGY &** 1926 PARA A READING STREAM Subscriptions Sub

## HUMANITIES & SOCIAL SCIENCES 49 Faculty Members

## 

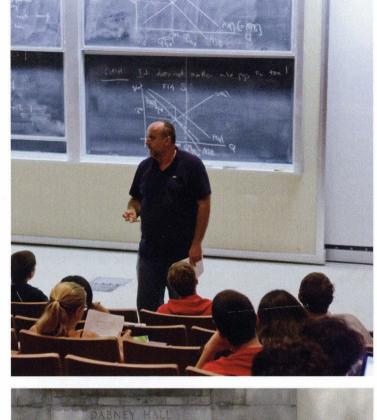






### 6 American Academy of Arts and Sciences Fellows

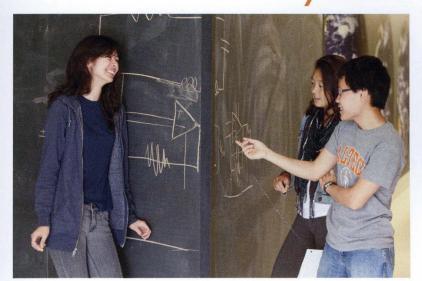






SS uses various different venues to essentially study the same thing--the human experience. With almost half the faculty of this department being active lecturers, students are especially connected to the HSS department. This department engages the same rigorous scientific methods and in-depth analysis that other departments use to understand the world and human behavior better. Throughout the year, various individuals were recognized for their excellence in this pursuit of knowledge, such as Colin Camerer, who was named a MacArthur Fellow. The department will see development in the future with Jean-Laurent Rosenthal named the new chair of the Division of Humanities and Social Sciences.

## PHYSICS, MATH, & ASTRONOMY US News and World Report No. 2 Physics Department in the World



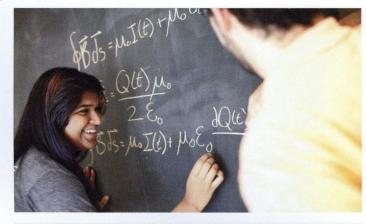


altech's PMA Department engages in some of the most exciting research in the world and at the institute. The physics department collaborates with NASA's JPL and has made leaps and bounds in studying solar power, black holes, interstellar space particles, and much more. Caltech professor and Nobel Laureate Ahmed Zewail saw huge success when he was named as one of 26 members of the UN Scientific Advisory Board. John H. Schwarz also brought Caltech pride when he received the Physics Frontiers Award. On the December 3rd broadcast of the Colbert Report, Stephen Colbert personally awarded Edward C. Stone the NASA Distinguished Public Service Medal. In addition, Steven Frautschi won the Richard Feynman Prize for Excellence in Teaching.







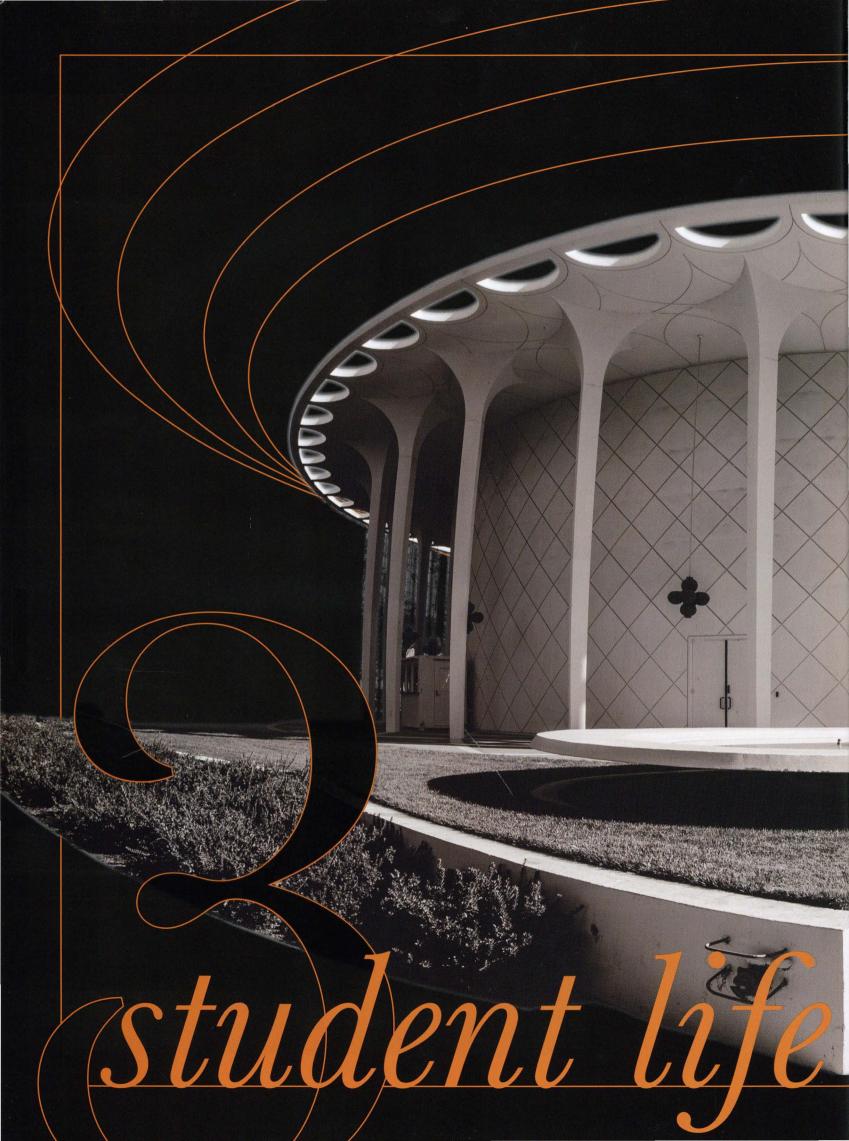


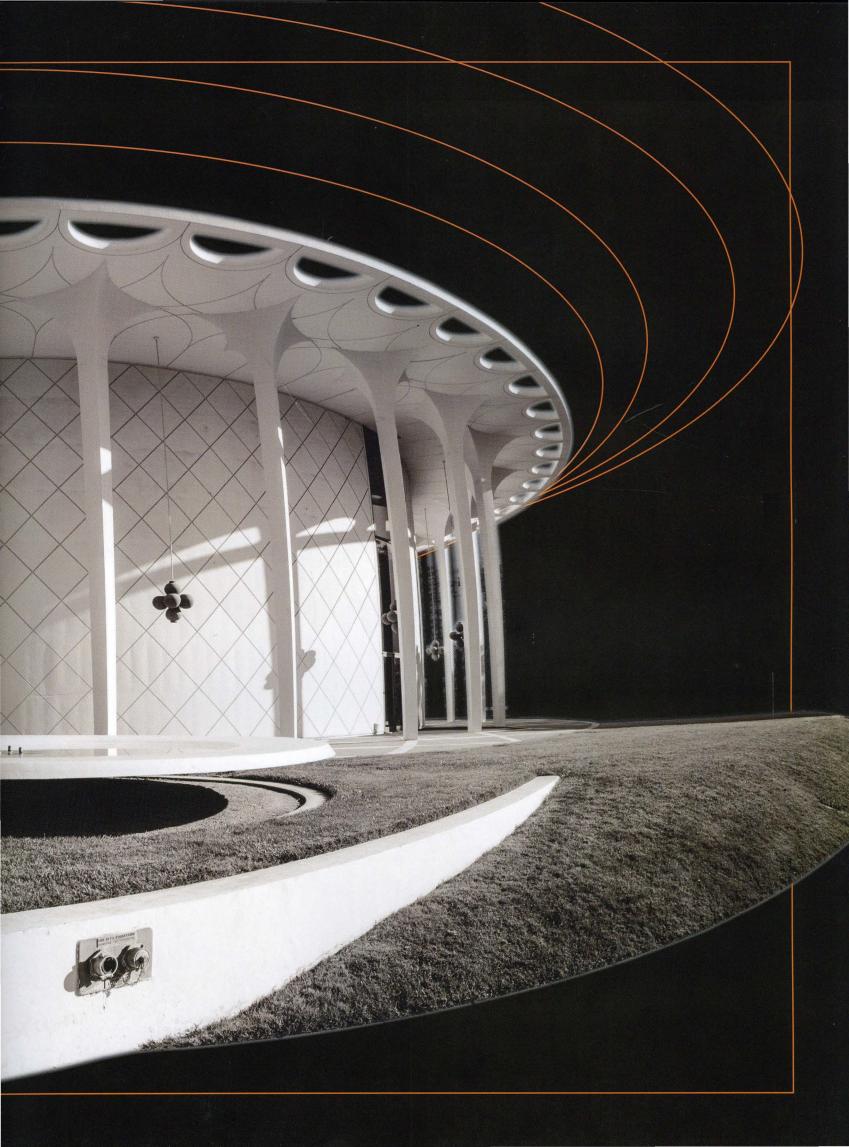




HSS

PMA





# ROTATION

rosh come, frosh go, but one tradition outlasts the rigors of time: Rotation, the "sorting hat" process that gives Caltech students the opportunity to have a welcoming and unique home upon arriving at Caltech. When pre-frosh arrive on campus, they are randomly sorted into a house that will provide them with a room during their temporary stay. Each pre-frosh then goes to a House dinner, House "study break", and optional House event that provide a flavor of House culture. Pre-frosh get to talk to House members, participate in any activities the House may have, and tour the Houses. Rotation rules apply so that pre-frosh are allowed to fairly determine for themselves whether a house is a good "fit", without any external influences. Meanwhile, each House demonstrates what their community might offer. As the saying goes, all Houses are fine Houses. Although many people recite the saying jokingly, it is true. Indeed, every House is different. However, the stark differences in House personalities make Caltech the diverse community it is. During rotation, House members all gather to show their pride to the new, impressionable Beavers. Hence, Rotation also gives House members the chance to bond and celebrate their House culture before the rigorous academics of Caltech kick in. When the cannon fires to officially end rotation, pre-frosh officially transition to frosh and have a House to call home.

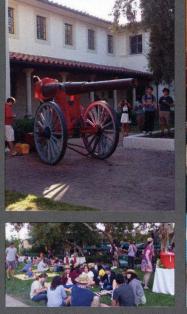










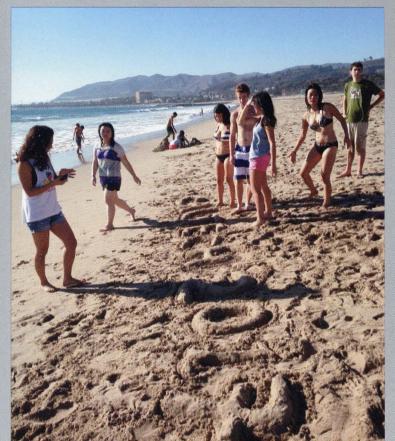












## CALTECH CARNIVAL











FROSH CAMP

# MOLE DAY

roundhogs get their own day, and now moles do too! Here at Caltech, where we've only had a few history majors over the decades, science and math reign supreme. With numbers like Avogadro's, which combine the best of both worlds, it's pretty hard not to be excited. Some enthused students, including Jenny He '17, Nick Zolman '16, and Margaret Lee '16, celebrated the 23rd of October, or Mole Day, by digging holes in the ground. Why the 23rd of October, you ask? At 6:02 AM on 10/23, there's a resemblance to the number 6.02 x 10<sup>23</sup>; the nearperfect attendance to Ch1 lectures ensures that no explanation is necessary (thanks Nate Lewis!). The holes in the ground were accompanied by stuffed animal moles holding signs that said "Happy Mole Day!", getting the entire campus in the spirit of celebrating. Starting around 3-4 AM, a group of about 10-12 students led by Julie Jester '14 met and began to work. 120 plush moles and 20 cubic meters of dirt were utilized to begin celebrations. Seven hours later, all of the moles had been planted, and Jaden Geller '17 leaped into the middle of the turtle pond to plant a mole. As Ellora Sarkar '16 said, this wondrous occasion is "to celebrate another nerdy number". It is a tradition at Caltech to celebrate mathematical and scientific ideas in truly fun ways-- just look at Pi Day!













## **PUMPKIN CARVING**









## HALLOWEEN









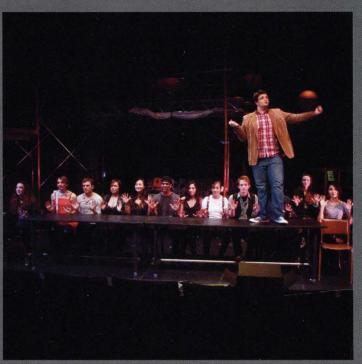


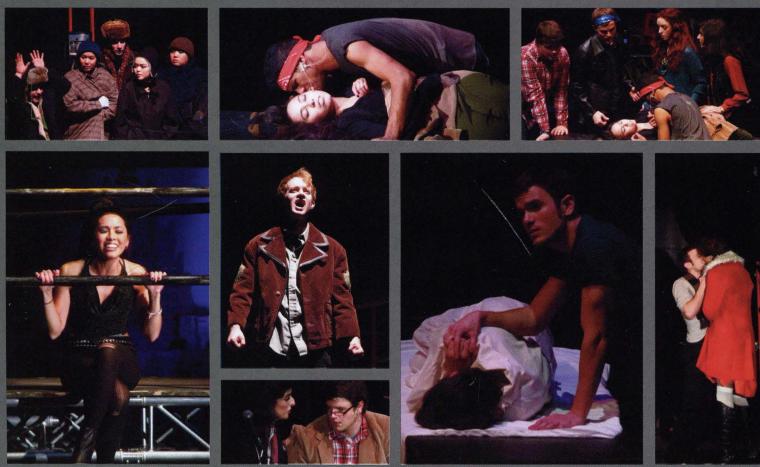
WALLPAPER CONCERT

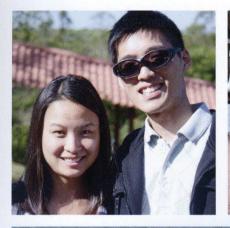
MOLE DAY + PUMPKIN CARVING CONTEST + HALLOWEEN + WALLPAPER CONCERT

# RENT

ne of the first questions posed in the wellknown musical RENT is "how do you measure the days in a life?" In seasons of love, of course! In late February, TACIT put on a production of RENT, which describes the lives of HIV-positive New Yorkers attempting to thrive as best they can. As Techers, we can definitely relate to trying to do well in a sometimeshostile environment. That resonance might be why so many members of the Caltech community came out to see the production: over 800 tickets were sold. Caltech might be a small school, but the larger-than-life production required 2-3 hours of practice a day for 5-6 days a week in preparation. Peter Lommen, a freshman in Dabney house, starred as the aspiring filmmaker Mark Cohen. Other Caltech undergraduates on stage included Rebecca Tang '16, Lucy Chen '17, Daniil Ilyin '17, Harrison Miller '15, and Daniel Gomez '16. Brian Brophy, a lecturer in Theater & Performing and Creative Arts at Caltech, produced the show; Brenda Varda directed the production. Jetson Leder-Luis, a Caltech senior, directed the music, featuring songs such as "Will you light my candle?" and "Tango Maureen." Here's to la vie boheme – "compassion, to fashion, to passion when it's new; to Sontag, to Sondheim, to anything taboo" (and most importantly, dear Techer, to you!).











## ALTERNATIVE SPRING BREAK













WINTER CARNIVAL

PI DAY

hat better way is there to celebrate the glorious number pi than consuming mass amounts of pie at 3:14 AM? Pi day is loved by all students and faculty, but it raises an important question-- what exactly is pi? Well, to answer your question, pi is 3.14 













## HOLI















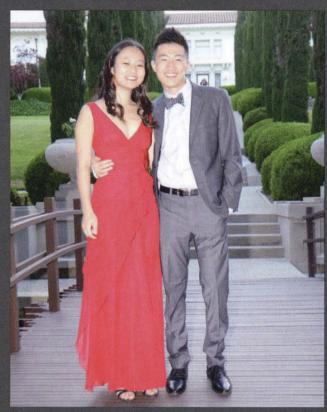




**BE A KID AGAIN** 

# ASCIT FORMAL

or those of us eager to party and dance while looking our best, ASCIT organizes and hosts ASCIT formal: a full-blown affair that allows girls to become princesses, guys to become Prince Charmings, and fanciness to flourish. Some girls band together and get ready, fixing hair and makeup, trying on dresses, doing nails, and shopping for perfectly matching shoes. Guys also dress up by donning tuxes, gelling back their hair, tying their ties, and getting prepared for a night to never forget. This year, the soiree was held at the Ambassador mansion. Transported to and from the formal via buses, guests had their picture taken almost immediately after entering and were all smiles before meeting up with friends and fist pumping the night away. In its own unique style, the party moved from garden to garden, bringing its guests with it; it was a "progressive party". Towards the end of the night, the band and music headed indoors into the gorgeous mansion, where delicious food and drinks were served. All in all, the event had a really large turnout and was a huge success, thanks to the numerous hours of labor and AS-CIT funding spent in preparation! Thanks to this formal, we are all left with wonderful memories and anticipation for the next formal.

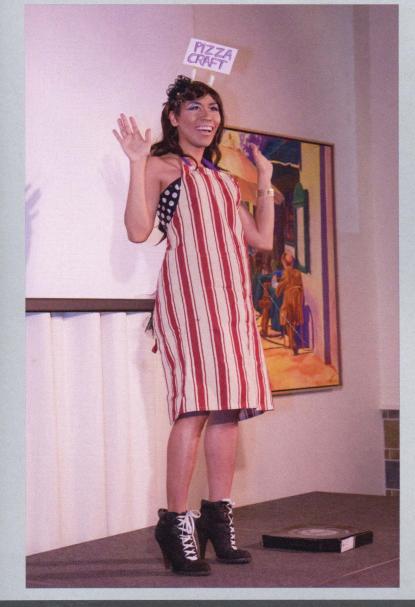








## GAYPRIL DRAG SHOW



## PRIDE PROM



















## OASIS SHOW

re all need an oasis, whether it be music, dance, food, friends. An oasis might even take the form of a club on campus called OASIS, or the Organization of the Associated Students of the Indian Subcontinent. In OASIS, students try to preserve Indian culture on campus through events, dances, and celebrations (perhaps most importantly, the club provides Indian food for our consumption). One of the biggest events the club sponsored this year was the OASIS annual show; from traditional Indian prayers and classical music to a Bollywood-style skit about two sisters returning to India and finding love, Indian-American Caltech students found a way to share their heritage campus-wide in a thoroughly entertaining way. Holi, the Indian festival of colors, signifies the return of spring and end of winter. Ellora Sarkar, a sophomore in Lloyd, was able to organize a holi-day to celebrate at Grant Park - colored powder was thrown all over and many white shirts were ruined during the festivities. Another huge aspect of Indian culture is dance. Throughout the year, OASIS sponsored many dance celebrations, where students around campus choreographed and performed dance numbers in classic Bollywood form. Maintaining tradition requires both adapting to the modern time and respectfully remembering.

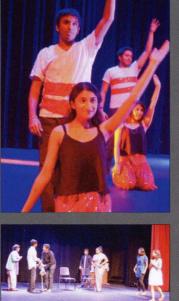












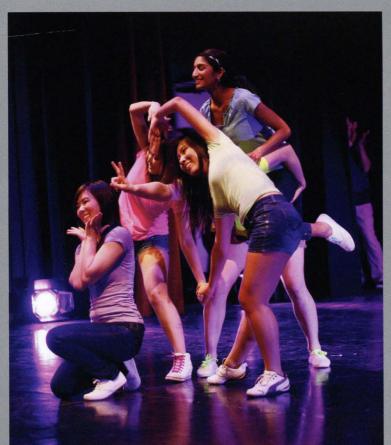




## DANCE SHOW





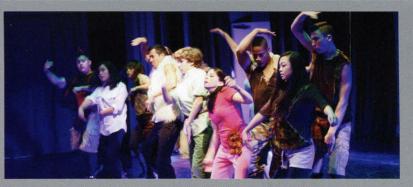


## LOVE SUCKS + ACAPALOOZA + DYNAMIC EXPLOSION











# DITCH DAY

hy are you awake and reading this? You should go to bed, because Ditch Day is tomorrow! So goes the saga of perhaps the most exciting day in a Caltech student's experience: Ditch Day, a fun-filled day where seniors ditch school and leave behind elaborate "stacks" that are composed of games, activities, food, bonding, and celebration. Admittedly, that's a lot of stuff to fit in a single day. Fortunately, seniors take it on themselves to create a "stack" that doesn't disappoint, featuring activities that range from jumping into the pool for clues to indoor skydiving. Lots of seniors view Ditch Day as a way to leave their mark on the school; the extremely individualized nature of the day allows for creativity to bloom and for a legacy to grow. With the number of possibilities, all stacks are given the opportunity to be created equal.

Trisha Guchait, a senior from Fleming house, says "it feels pretty awesome to create something, to give back to the underclassmen and leave them with great memories."

There are many reasons to love Ditch Day. Meghana Pagadala '16 claims that not having classes was the best part of Ditch Day; Monique Alkiewicz '16 loved spending those last few days with the graduating class. The timing of Ditch Day makes it a great time to thank the seniors for the hard work they put into Ditch Day, the memories they have created, and the friendships they have formed!





#### CALTECH Y















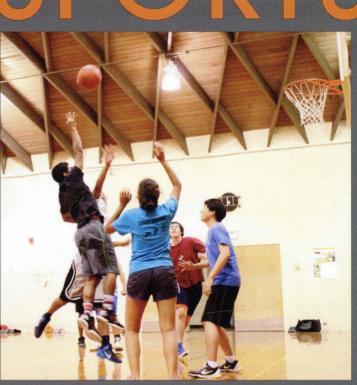






HOUSE

in which each state valiantly fought for its name and honor united the city-states of ancient Greece. The equally skilled students at Caltech similarly defend the honor of their House, baring their colors and pride to fight for victory. Interhouse sports are an opportunity for bonding at several levels. Within the House, being part of an interhouse sport team is an opportunity to connect with other athletic members of the House. However, you don't have to be athletic to be part of the interhouse sport team. Many people just participate to take a break from a set, hang out with friends, or take a much needed walk to the far gym. Once at the game, there is no stopping the fun and competition that bring the Houses together. Great friendships have been made through interhouse sports, and in that way, every House has won something. In terms of actually winning games, Fleming House reigned victorious in interhouse athletics this past year. It was only through their constant participation, teamwork, and insurmountable skill that they were able to come home as champions. Congrats Fleming House! Next year the competition should only get more intense, more crazy, and more fun.





















#### CDS DINNERS





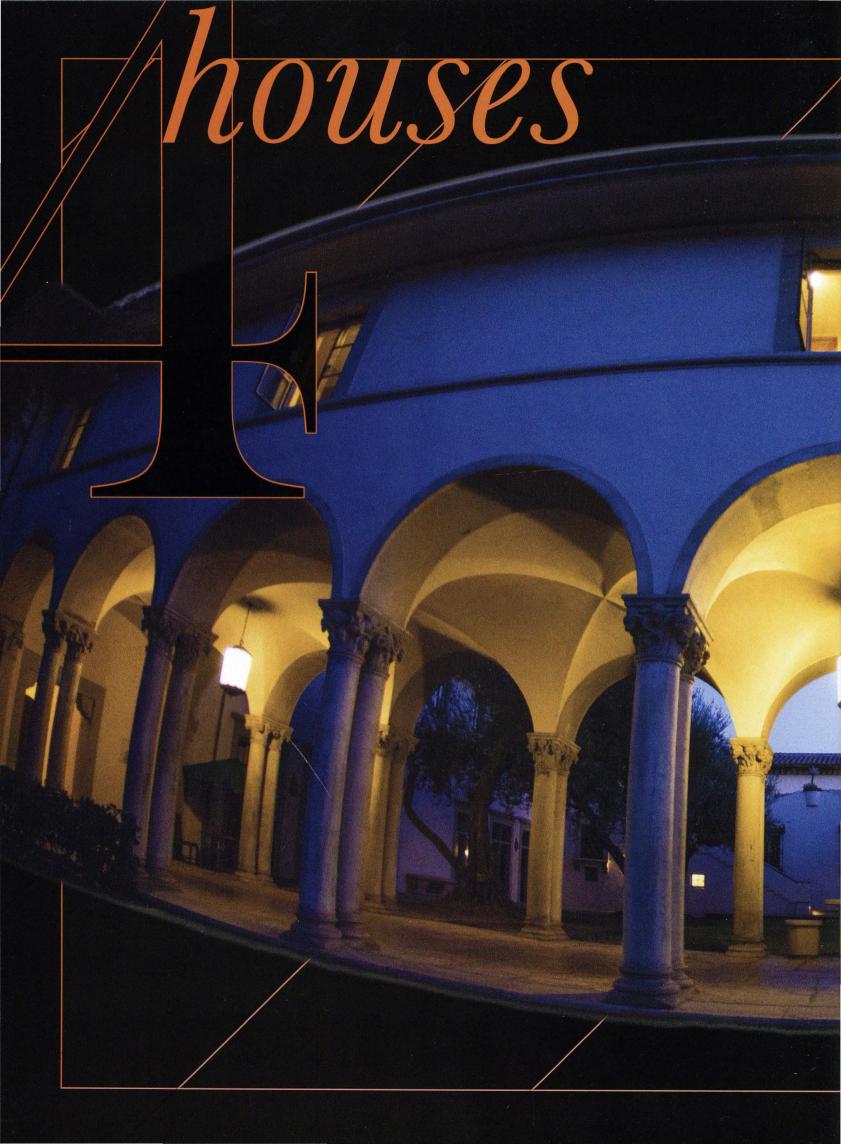


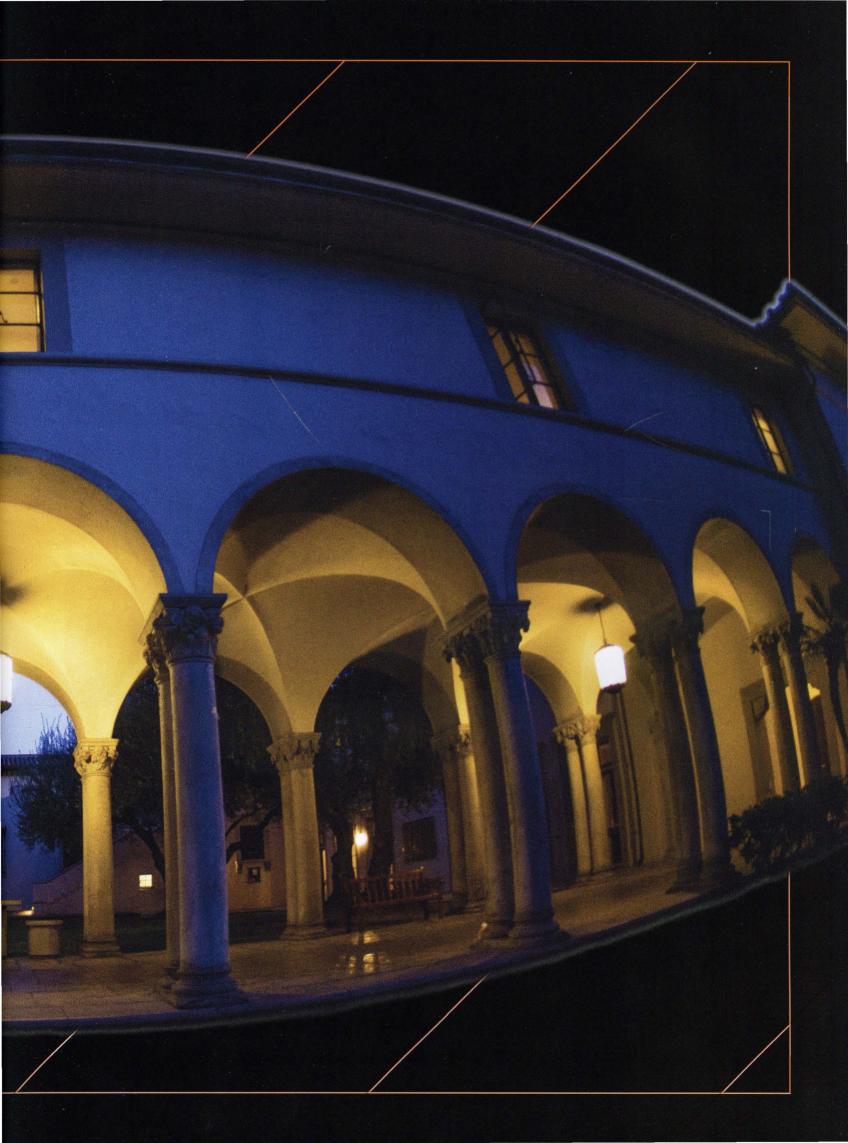


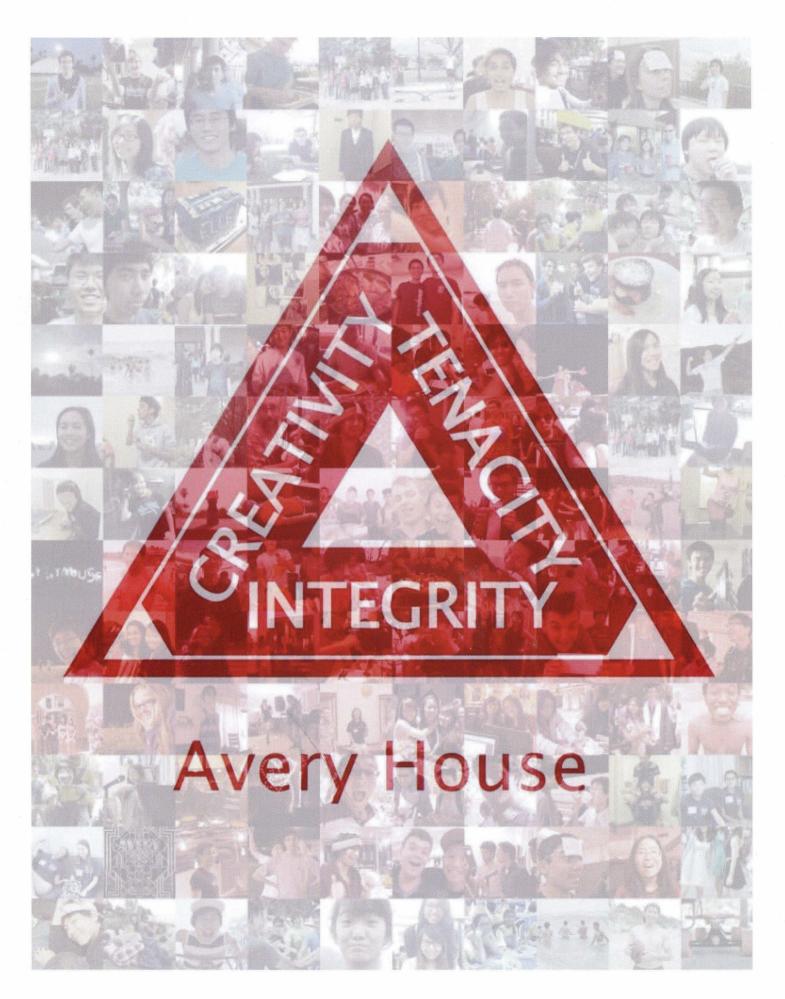




MANNION EVENTS



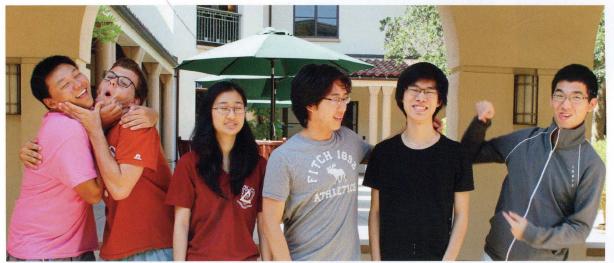




Yearbook page credits: Kevin Tang, Jenny He, Sean McKenna



**Excom:** Kai Chang (Ath Man), Jenny He (Secretary), John Li (Soc D.), Lillian Tong (Chancellor), Tony Zhang (V. Chancellor)



**Soc Team:** Jerry Feng, Sean McKenna, Evelyn Chin, Jonathan Joo, John Li, Patrick Yiu



Ath Team: Matt Cedeno, Ryan Casey, Justin Leong, Kai Chang, Dan Chui, Grant Carlson, Anand Poozhikunnel, Nick Zolman, Tracey Chan

#### Interhouse Metals



# Periodic Table of

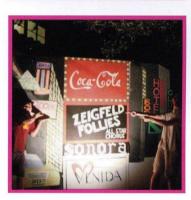


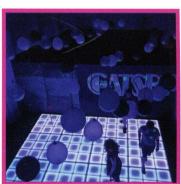


#### Formal Flourines

#### Graduation Group

–Silly Silicons















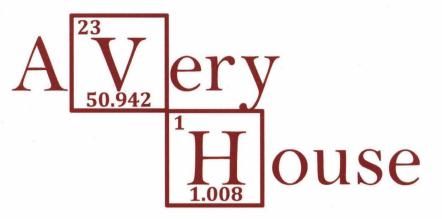








houses



Muscle Metals Outdoor Excursions

#### Ditch Day Deuterium











Casual Carbons























#### **The Freshmen**



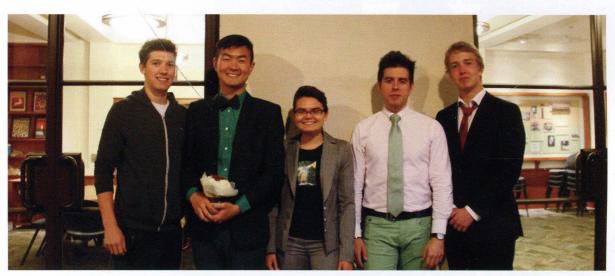
## **The Sophomores**



# **The Juniors**



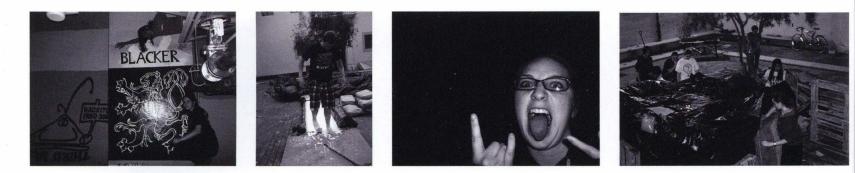
#### **The Seniors**



## **The Exchange Students**



## **The Family**



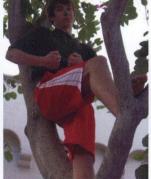
#### a page for a day of a year in

falling back asleep. We pops into your head a lounge. You pass the never stay clean, you of Calli and Melissa's <sup>1</sup> gravity well. One of the enough." A few of the chimes in. "You know helicopter and start s seeing Andre, Alex, a make your way to the	hen you regain consciou s you eat: <i>Man. Picard, A</i> ibrary and see Margaret, think. But you're hapoy <sup>3]</sup> latest Alley Ordering, Y he frosh talks excitedly. " others eye her sheepish what would happen if the hooting rockets at every od Talia <sup>[6]</sup> as they work to lounge. While entering,	Il grumpily from your bed sness a few hours later, y indrew, Jeffro, and Emily <sup>[1]</sup> Talia, and Angie <sup>[2]</sup> sorting that someone cares. On the bu glance at it before mov Enc <sup>[4]</sup> said that we could be ly. "Cimon guys, it's totally be hovse had a helicopter? one." ~ The sound of the r fix one of the rarely kept you notice Keegan <sup>[7]</sup> doing unusually long day of wor	ou find breakfast in bed are awesome. ~ You may through piles upon piles wall, you see a sheet ring on. ~ In the courty buy a helicopter if we find y a great idea. ' Leslie <sup>(5)</sup> , Someone, probably me, riter saw catches your a nice things around the h g something completely	on your desk. A thought ake your way to the of books. <i>That place'll</i> of paper. It's the result d, you stop and see a d-one for cheap sassy and quick, would hijack the ttention. You turn, poyse. Eventually, you innocuous Nearby,
~ The curtains to the rally people for an ath can't deny he's a troo ACM 95c, Harrison an ring. The call for anno Calli, Yanwen, Bella, k first, but then Jeffro (v past. You notice as th other late sleepers an days in this place, an good day. [1]Soc Tear	d ning hall open. It's dim pletics event. "But exercise per. As you sit, Harrison <sup>13</sup> d Nima!" "Yeah, yeah, we ouncements (and dancing (it, and Jessica <sup>[13]</sup> (you ca with his purple suit) and H e sun sets and again as ind early wakers, that you d despite the stress, desp m [2] Librarians [3] Veeps	small, proactive success, nertime. While you pass of a takes work!" someone and Nima <sup>[12]</sup> walk in, ch re on it," one of them rep and magic tricks) is made to forget Jessical) get up (arry <sup>[14]</sup> walk in. <i>Ah. It's</i> tin t rises, It's not until after decide to head to to bed bite the pain that is Calter 4]Treasurer [5]Secretary [ C Chair [13]Historians [14]	ne of the tables, you hea complains. The kid's got attering loudly. A sad sm olies. It's another normal de. At some point, some with their cameras. You' me for a titillating sermo r the Ride plays, after you . You know you will only th you can't help but to [6]Damage Control [7]Ca	ar Alex <sup>(10)</sup> attempting to a tough crowd, but you dre yells at them. "Fix dinner. ~ The mugs subset of Moya, Iulia, re a little confused at n. ~ A few more hours u have greeted the nave a finite number of think today was a























About 355,500 minutes since their 1st cannon firing...



















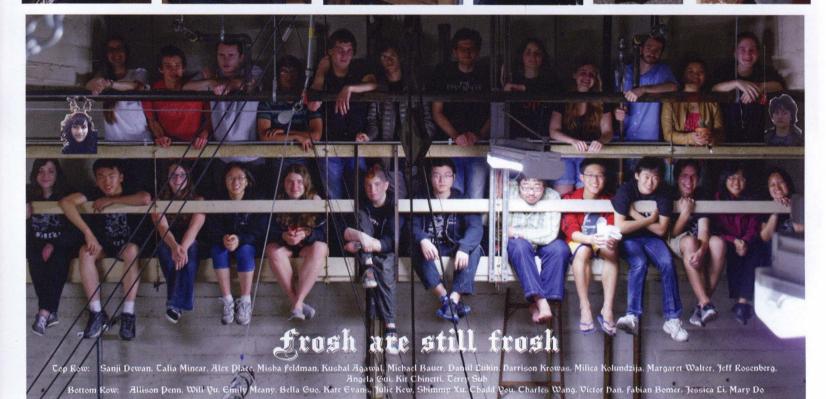












049

BLACKER





































Blackerwise from top right: Chris Varnerin · Erika DeBenedictis · Erica Leung · Robb Morgan Andy Bartlett · Annie Ritch · Terry Lee · Michael Yurko Mehmet Sencan · Yanwen You · John Napp · Russell Smith Josie Kishi · Malvika Verma · Hima Hassenruck-Gudipati **Not pictured**: Anna Ross · Ben Cosman · Christine Sun David Tolnay · Michael Williams · Pasha Reshetikhin · Suna Li































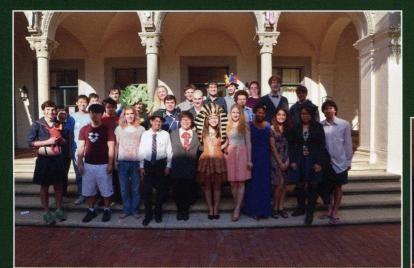












#### FRESHMEN



#### JUNIORS

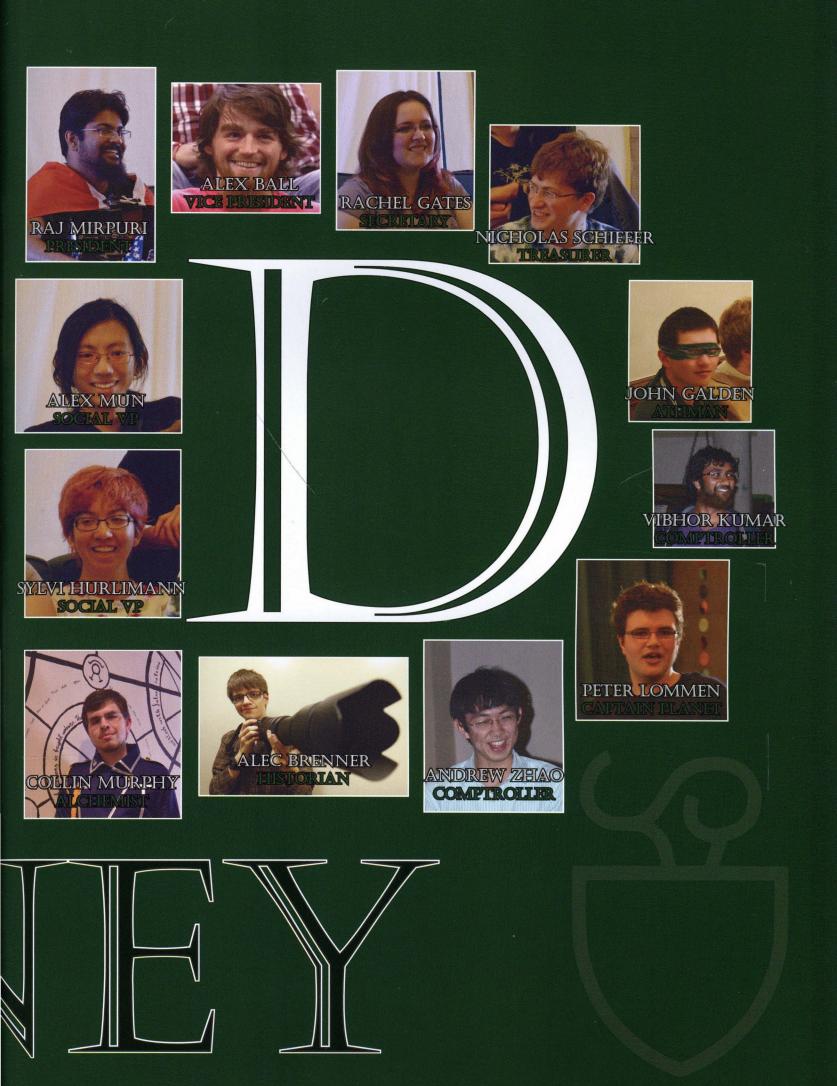
#### SOPHOMORES

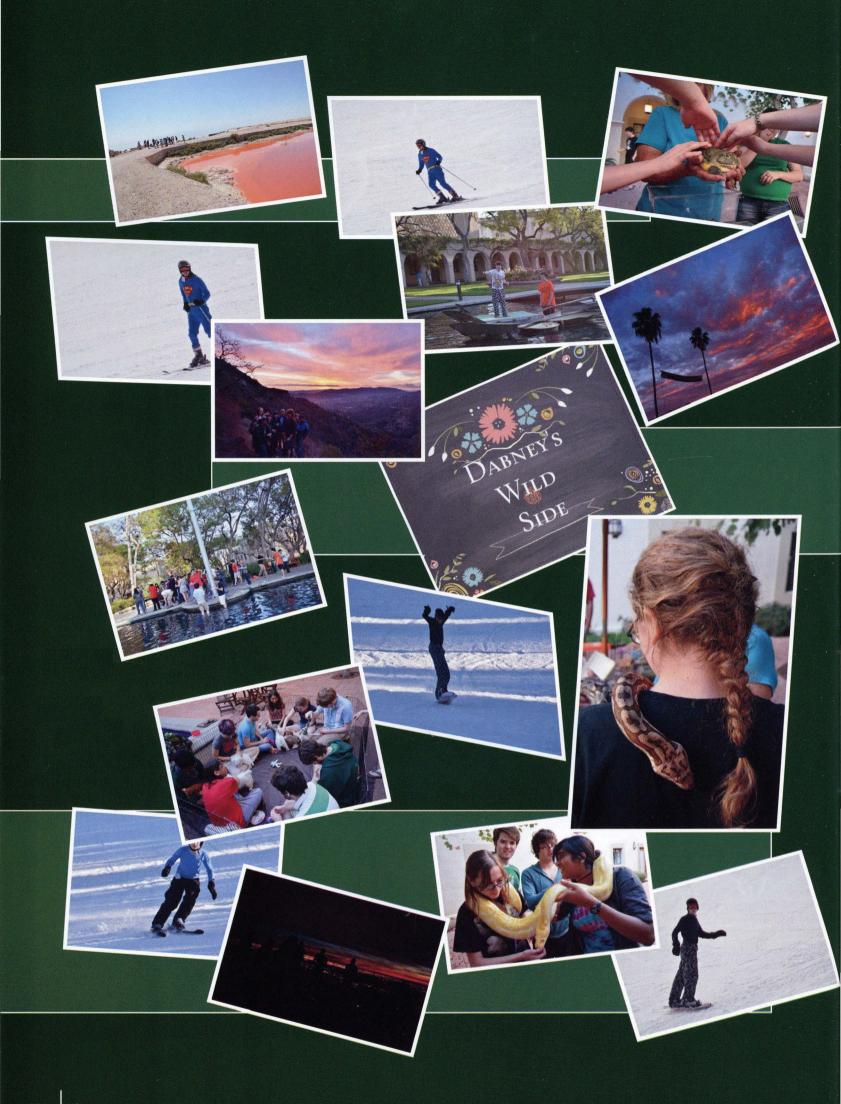


#### SENIORS





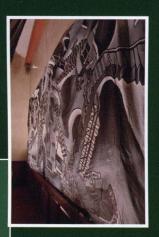








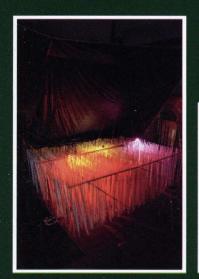






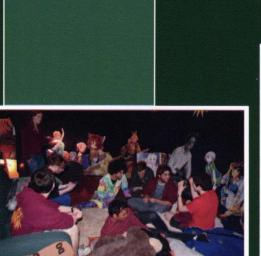


















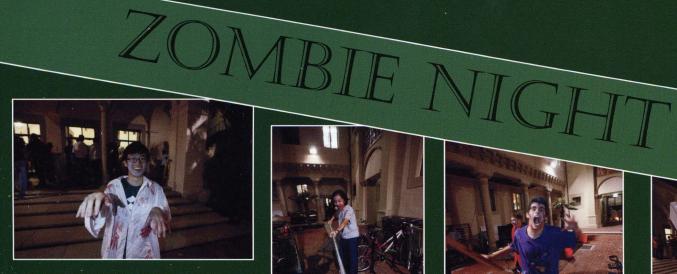


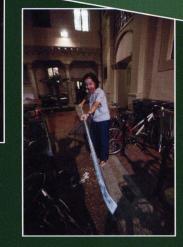


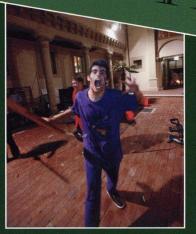


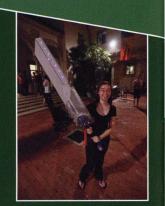


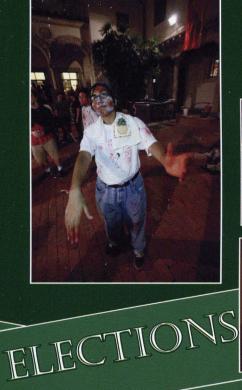








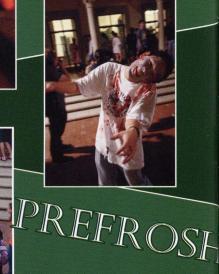






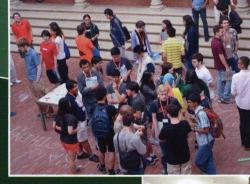




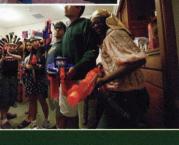


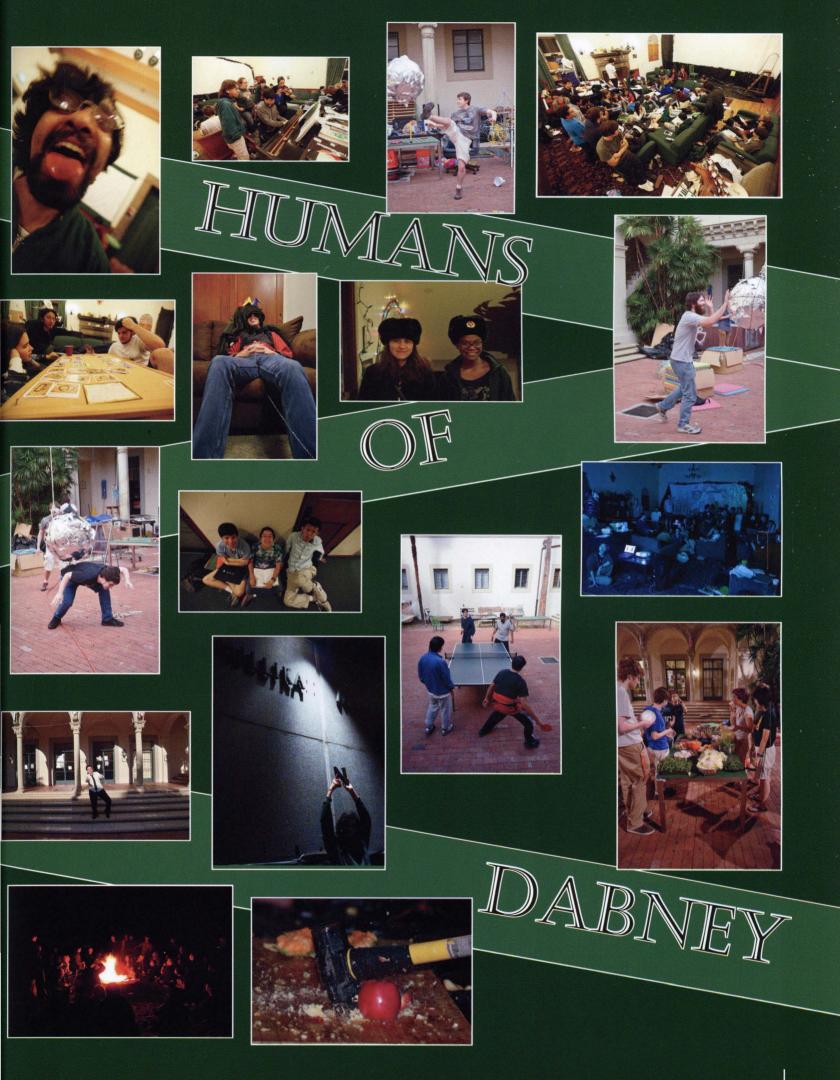


















#### FRESHMEN



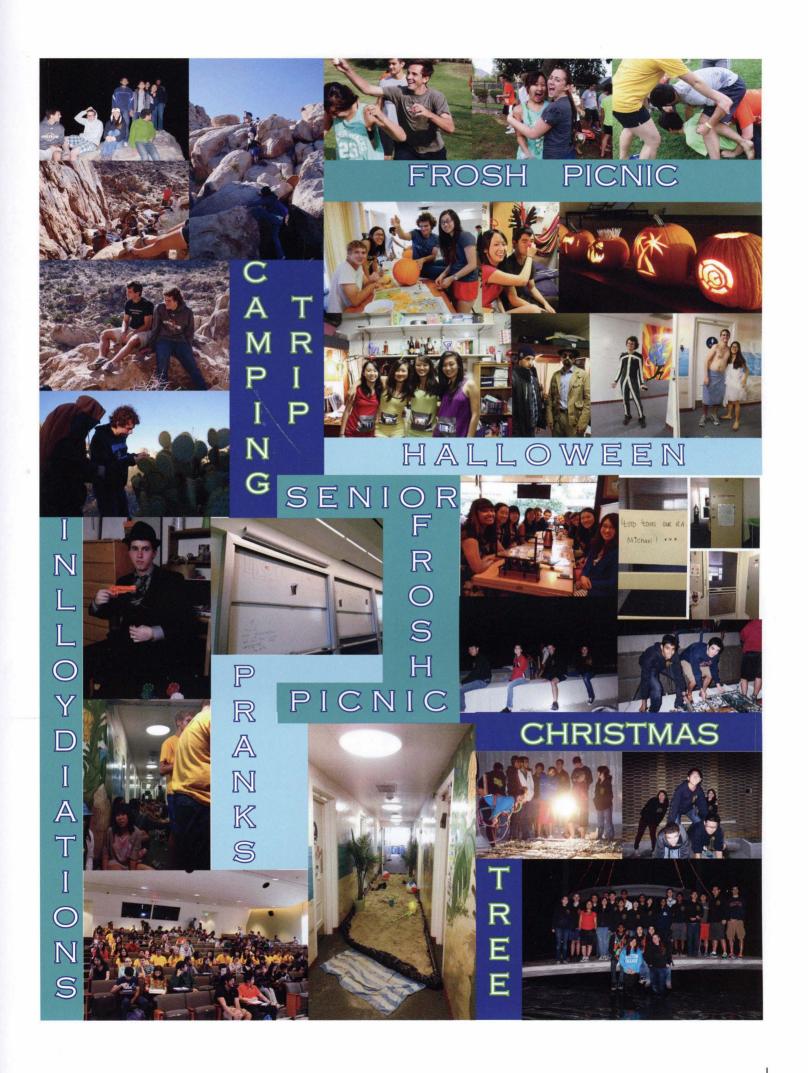
# JUNIORS

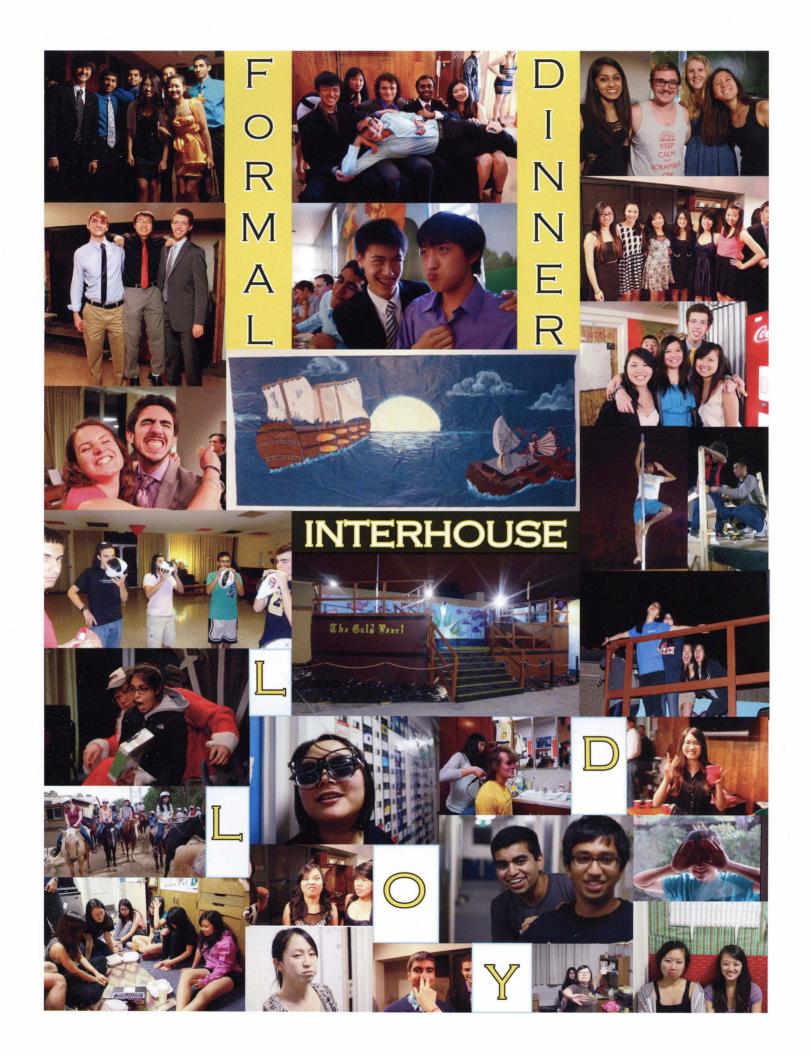


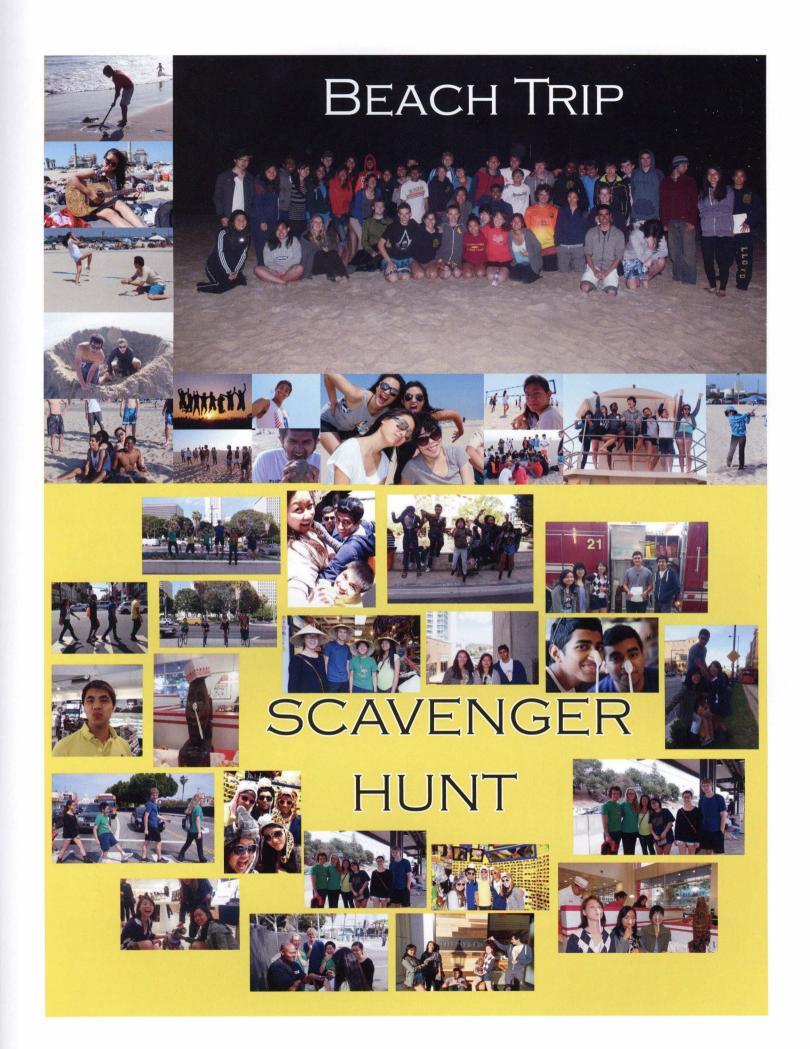
#### Sophomores



#### SENIORS









#BESTDAYEVER #WINGARDIUMLEVIOSA #IRONMANFTW #BLASTOFF

# E X C O M M

U

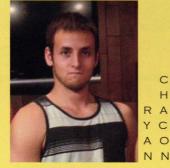
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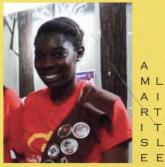


E

PRESIDENT







SOCIAL DIRECTOR



EMILY ELLSWORTH





GRACE PARK



в U C H SB

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TREASURER

SUPERINTENDANT

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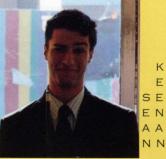
ΟE

NR

KATIE CHING







Κ Е S E EN A A

**REP AT LARGE** 



**REP AT LARGE** 



MAREC SERLIN



HARRISON MILLER

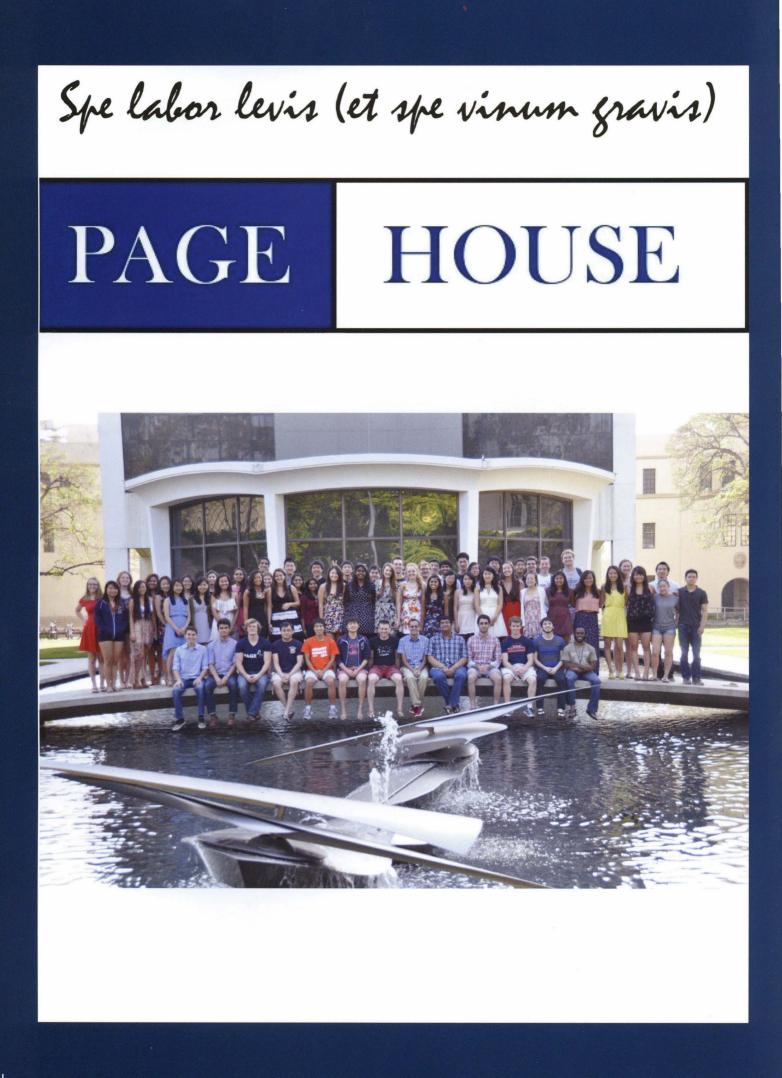


SNIGHDA KUMAR



**TIFFANY HUANG** 

FΗ





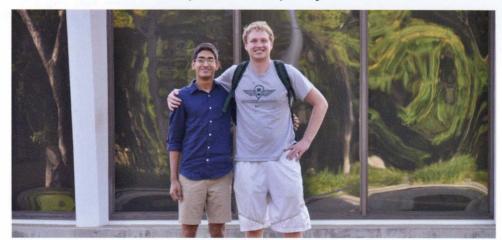
#### Soc Team

Jean-Alexandre Turban, Valerie Pietrasz, Nishant Desai, Suzannah Osekowsky, Anup Kishore, Patrick Hsu



#### Excomm

President: Ben Grabowski, Vice President: Emily Shik, Secretary: Jing Xu, Treasurer: David Addis, Ath Man: Jean Turban



Ath Team Roshan Agrawal, David LeBaron



#### Seniors

Top row: Jingyuan Li, Michelle Tang, Kelsey Spaur, Jessica Yu, Pushpa Neppala, Jacquelyn Phillips, Juliette Becker, Nandini Mukherjee, Yuchen (Carrie) Wang, Lisa Lee, Rebehah Kitto

Bottom row : Daniel Zhanz, Michael Zhanz, James Lu, Michael Lauria, Atharv Vaish, Neal Desai

#### Juniors

Top row: Ruchi Jahaqirdar, Da (Chi Chi) An, Boyu Fan, Nicholas (Nico) Salzetta, Shalini Majumdar, Wen Min Chen

Bottom row: Poonim Daya, Timothy Cui, Benjamin Grabowski, Emily Shih, Harrison Miller, Jing Xu

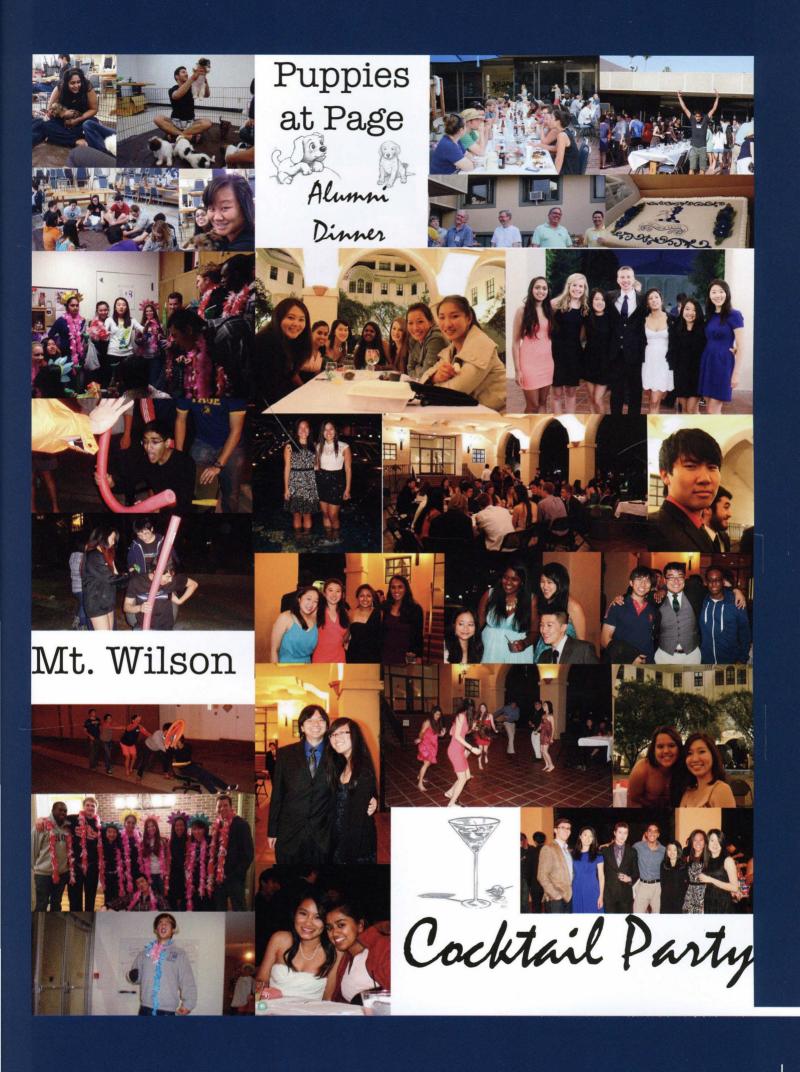
#### Sophomores

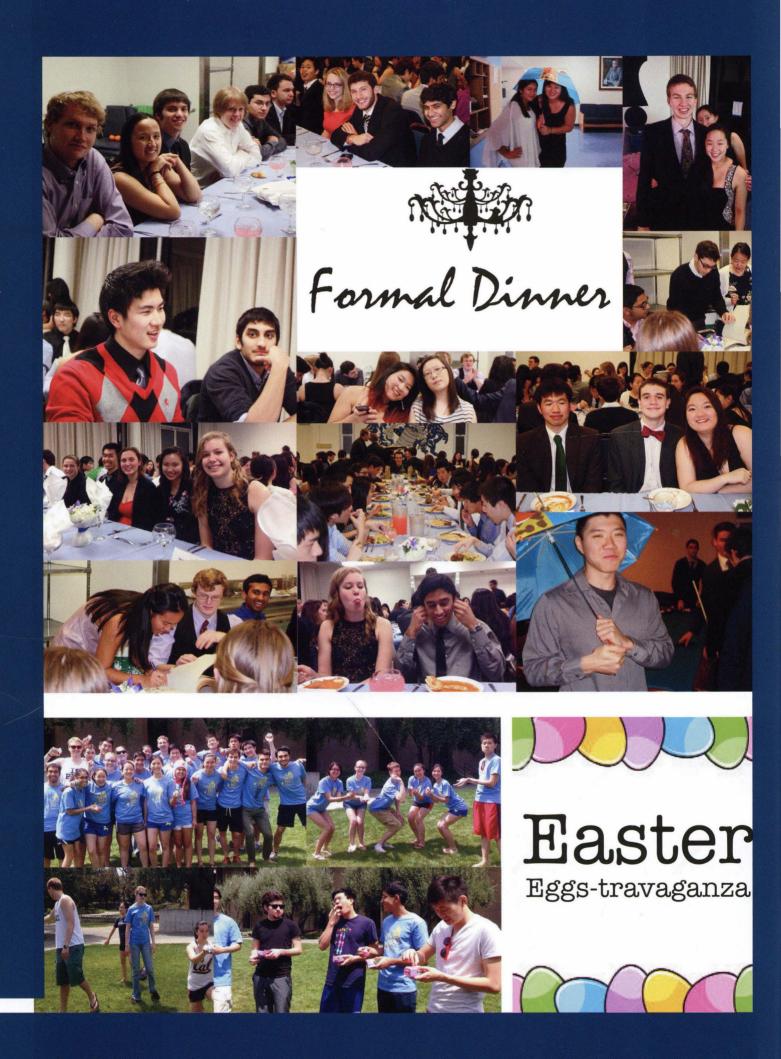
Top row: Anup Kishore, Jihoon Li, John Clark, Samuel Holo, Jean-Alexandre Turban, Alexander Pien, Daniel Seabra De Andrade, Sith Domronghitchaiporn, Ayush Gupta Bottom row: Megan Keehan, Tianyi (Amy) Hu, Ye (Juliet) Su, Xiaomi Du, Valerie Pietrasz, Esther Du, Kristin Anderson, Sandia Akhtar

#### Freshmen

Top row: David LeBaron, Nishant Desai, Roshan Agrawal, Joel Kosmatka, Connor Crowley, Cameron Voloshin, Patrick Hsu, Lee Tang

Bottom row: Halston Lim, Ker Lee Yap, Ga Yeong (Grace) Lee, Yanbing Zhu, Kalyn Chang, Suzannah Osekowsky, Archana Chintalacharuvu, Parul Pubbi, Emily Maro, Seobyun (Sonia) Kim, Caitlin Chen





# Hunger Games: District Page

# Ditch Day





**FRESHMEN** 



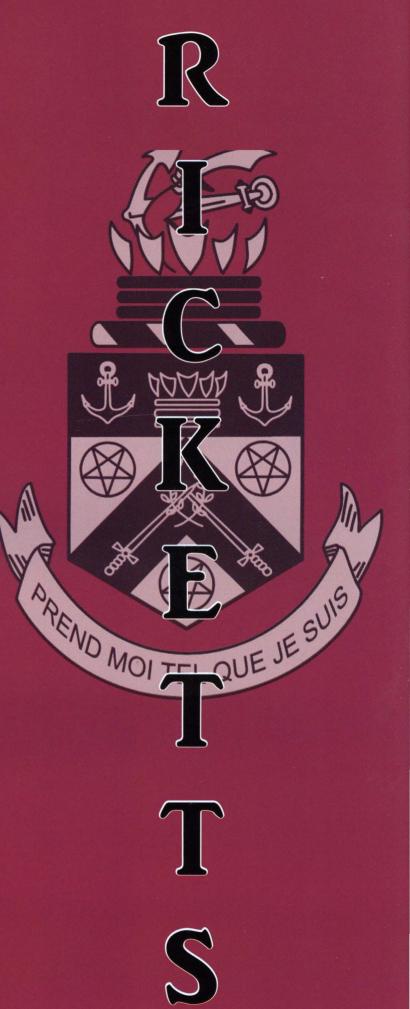
JUNIORS

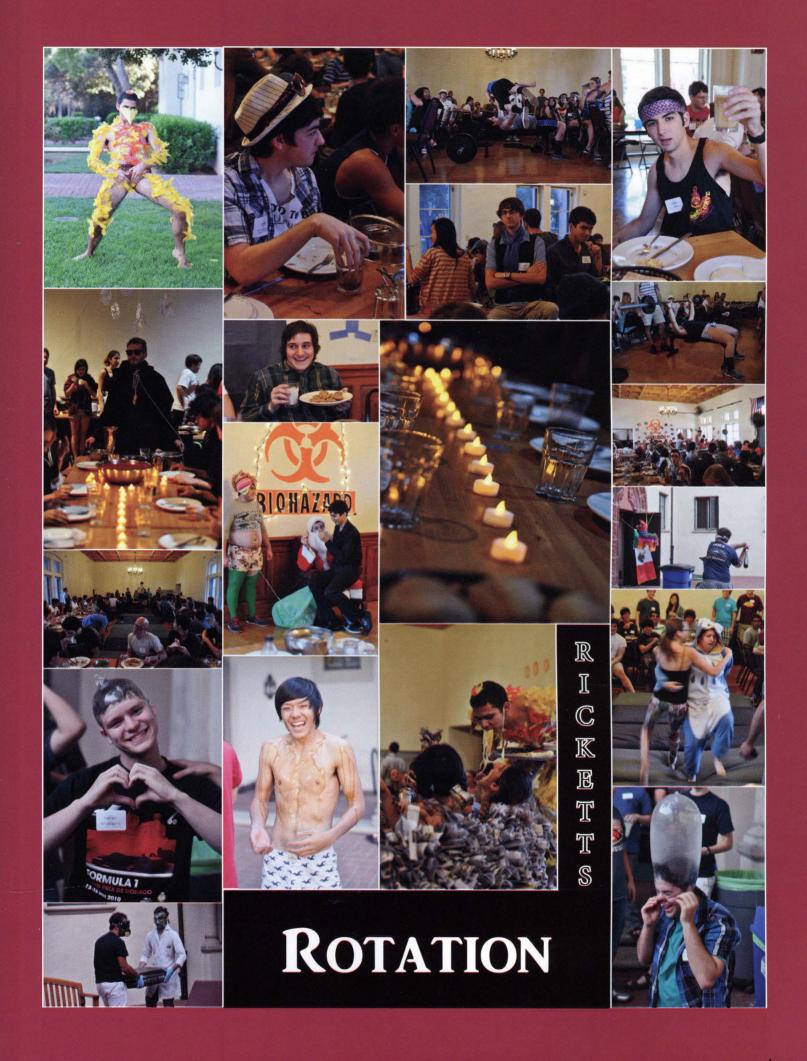


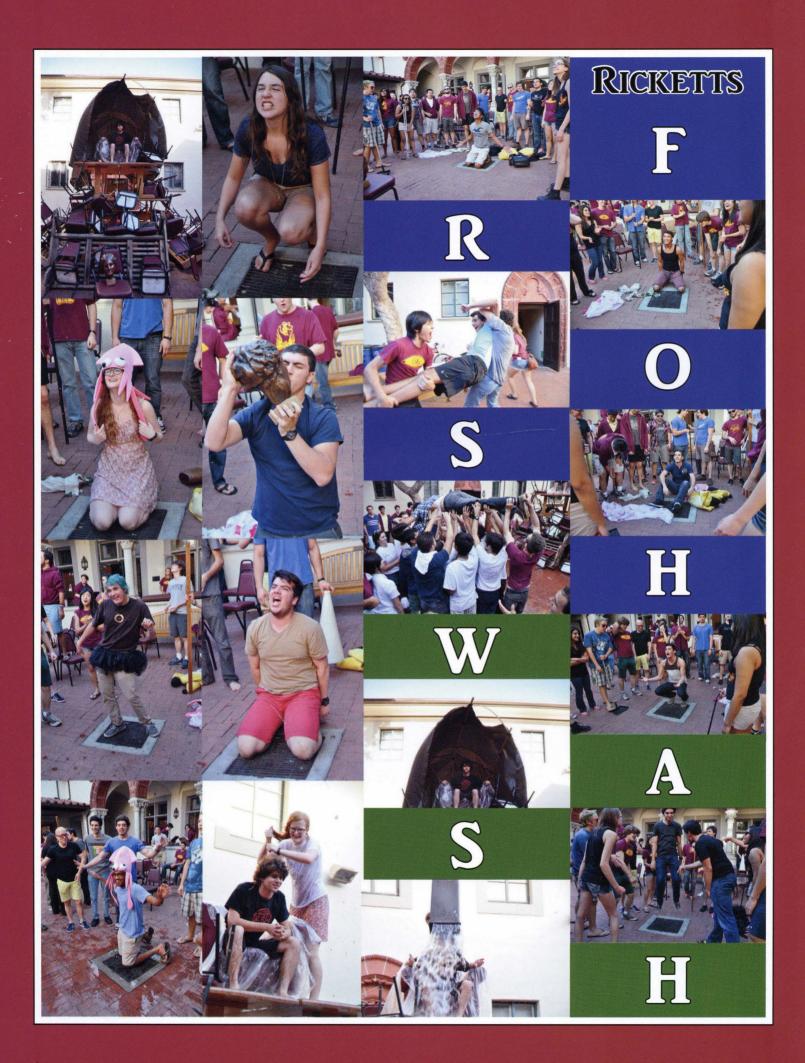
**S**OPHOMORES

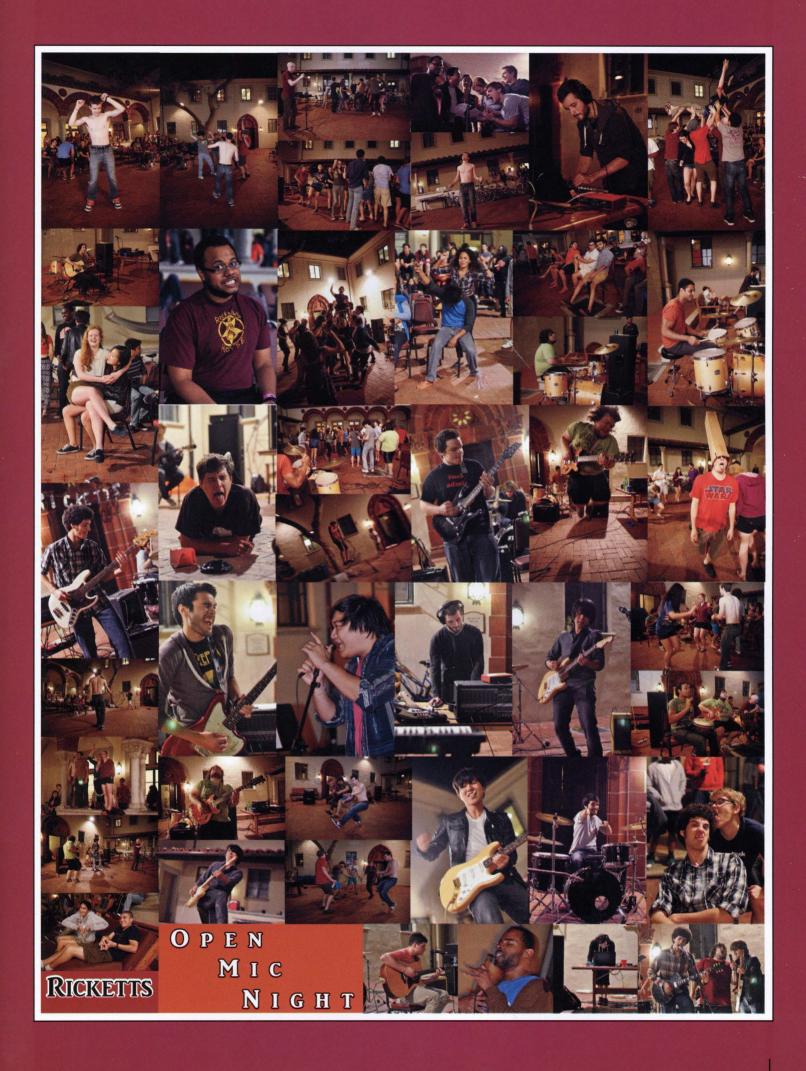


**SENIORS** 











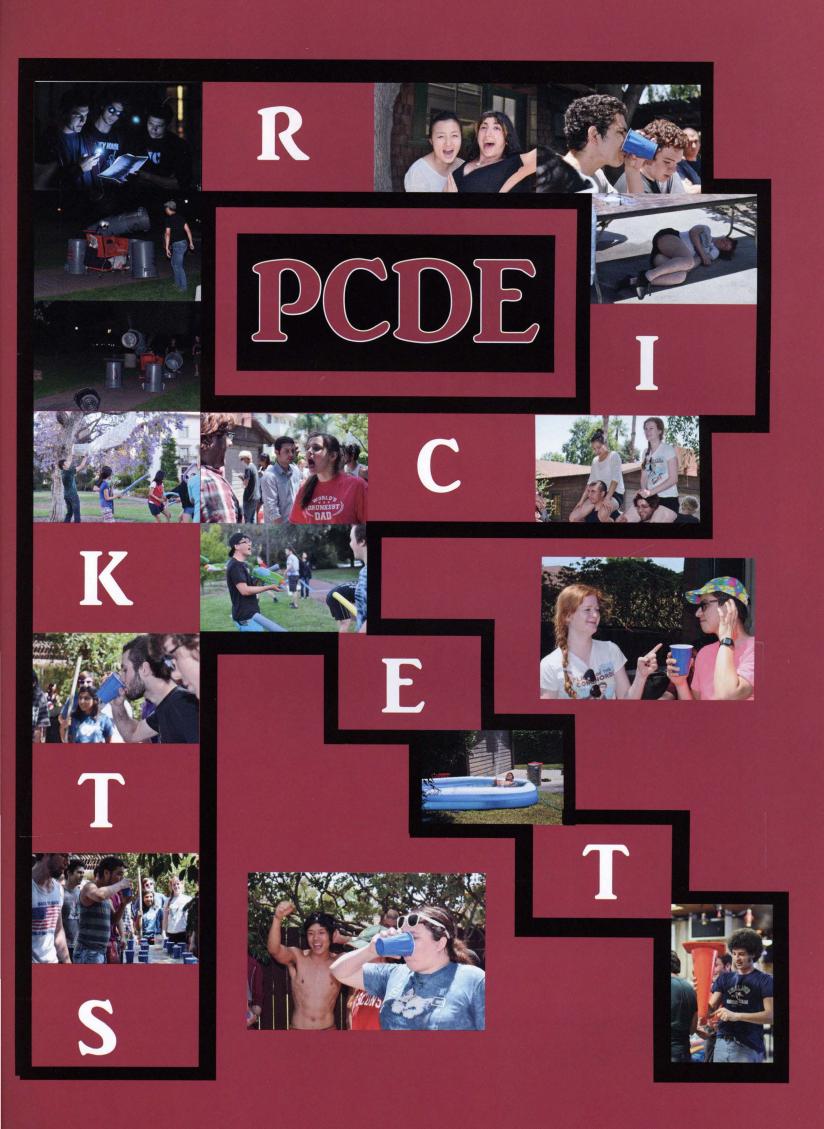




## FORMAL DINNER











## Buford Frink Comics

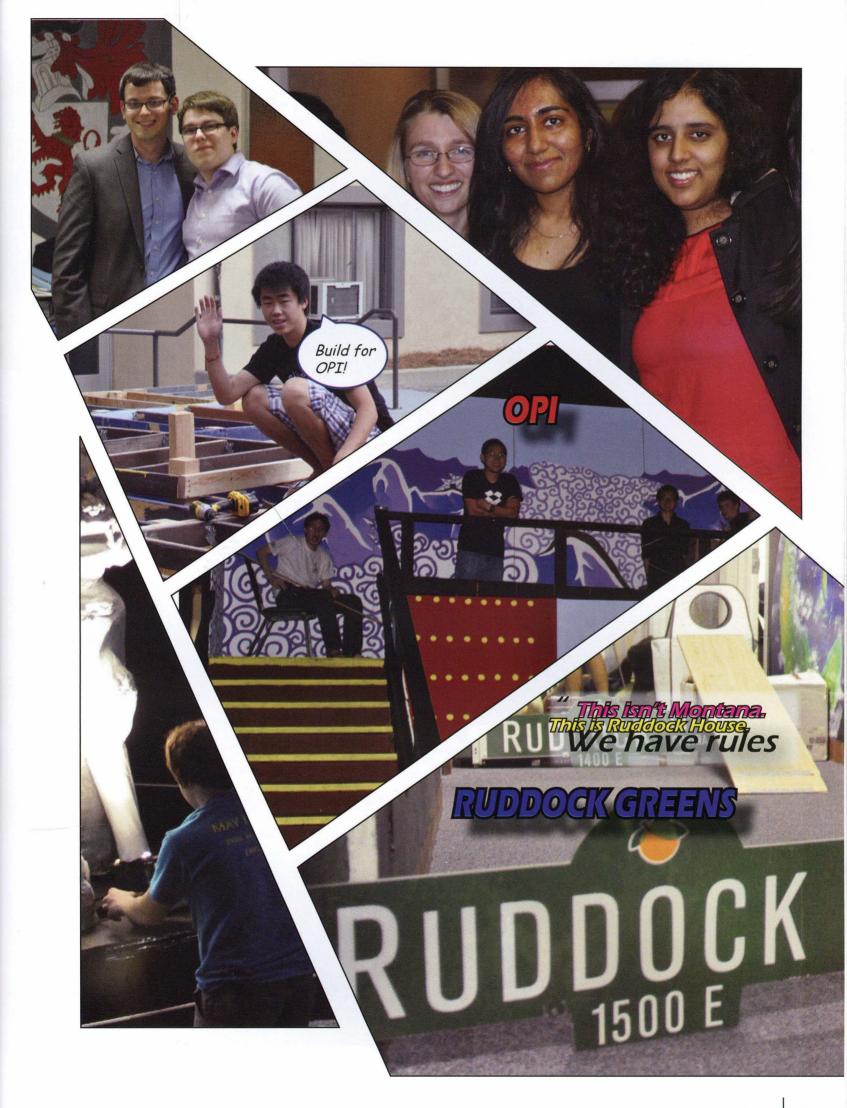
During the years of 2013-2014, Ruddock House was led by an elite group of people, known as **Excomm.** They protected the house from danger and kept it safe and sound.



Mike Klionsky Ath Team Elliot Simon

Ath Team





Who lives in a pineapple under the sea?!

GRADUATION

GO TO BED! DITCH DAY IS TOMORROW

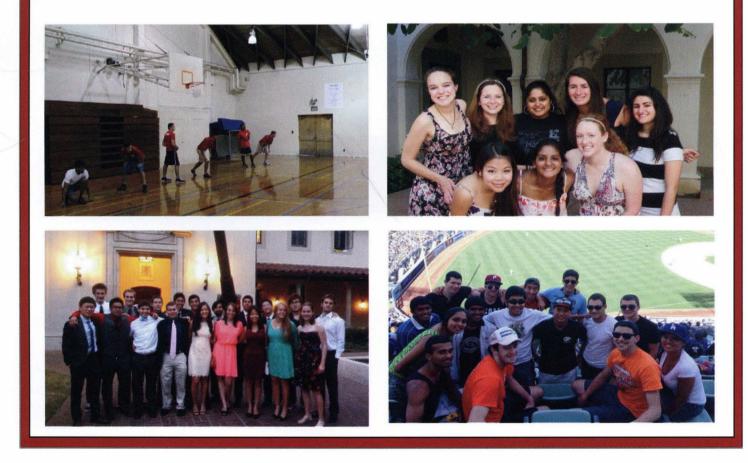
DITCH DAY

6 1





## FLEMING HOUSE Let the Deed Shaw



## FORMAL DINNERS



## DITCH DAY



### THANKSGIVING

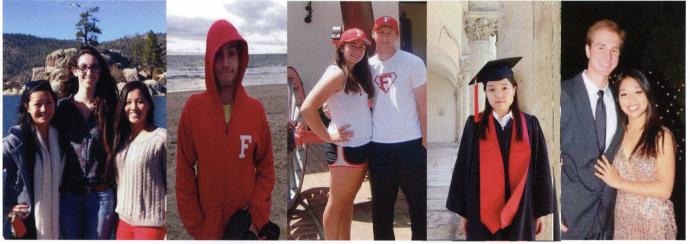


## FLEMS STICK TOGETHER













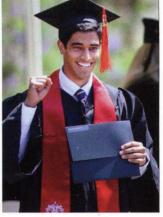


## HOUSE OFFICERS









President V Gautam Upadhya

Vice President Julia Ziac Secretary Treasurer Mike Paluchniak Devashish Joshi

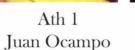


Soc 1 Karsyn Bailey



Soc 2 Matt Lappin Juar







Ath 2 Margaux Lopez



Librarian Patric Eck

## HOUSE OFFICERS CONT.



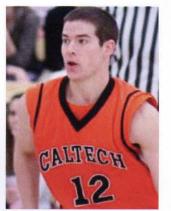
UCC Alley 1 Sandia Akhtar



UCC Alley 2 Justin Khim



UCC Alley 3 Laura Santoso



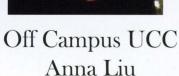
Off Campus UCC Bryan Joel



UCC Alley 4 (CRC) UCC Alley 5 Grace Leishman Ishan Khetarpal



UCC Alley 6 Off Campus





BOC Rep Daniel Chou



BOC Rep Juliet Su

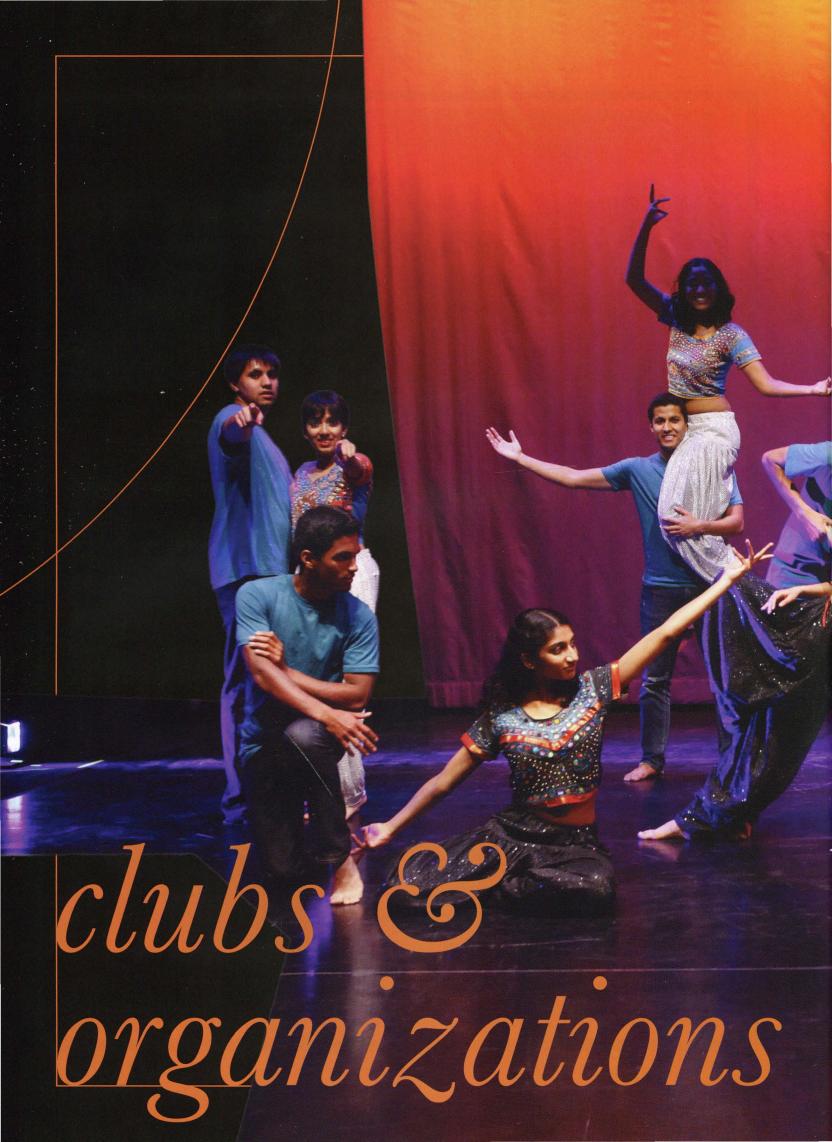


Thomas Kwok

ARC Rep Aashrita Mangu



Historian Alexander Hsu





% of Techers bike to work

## games for the Airbenders



The Women's Soccer Club, a.k.a. the Caltech Airbenders, is the all women's team drawn from the Caltech community, playing in 7 v. 7 games with Pasadena Adult Soccer League.

**FRONT ROW.** Clarmyra Hayes, Amanda Shelton, Trisha Roberson, Margaux Lopez **BACK ROW.** Marcella Gomez, Aileen Cheng, Giuliana Viglione, Jamie Rankin.







## CALTECH BIKE LAB

Caltech Bike Lab is a bike cooperative run by volunteers at Caltech. The club teaches the Caltech community how to fix/maintain bikes, organizes classes on how to ride safely in the streets, hosts fun rides, teachesclasses on bike repair, and participates in local Pasadena/LA bike community outreach to try to make the streets safer for everyone.

President: Daven Quinn Vice President: Jeff Prancevic Treasurer: Luca Malatesta Secretary: Margaret Ho Shop Upkeep/Inventory: Jeff Prancevic Class Coordinator: Jonathan Murphy Rides Coordinator: Daven Quinn Current Office Hour Volunteers: Ari Weinstein, Leon Mualem, Luca Malatesta, Jeff Prancevic, Margaret Ho, Sho Takatori, Chris McKenney, Reeve Dunne, Natalie Becerra, Jon Kindem.

**CALTECH C** Since 1985, the Caltech Chinese Association (Caltech C) has served generations of Chinese budding scientists at Caltech/JPL while promoting interaction and cultural exchange in the Caltech community at large.

**PICTURED:** Hang Yu, Haojiang Zhou, Wen Yan, Niangjun Chen, Shengxuan Ye, Taokun Zheng, Qiong Zhang, Shupin Mao, Danlei Yang, Lu Pan, Xiaoyue Ni, Dezhou Guo, Qin Chen, Shuai Wang, Yapeng Su, Peter Gao, Chen Zhang, Jun Chen, Yuling Zhang, Hao Zhang, Siying Peng, Dan Zhou, Jiyun Xiao, Wen Zhou, Pengchuang Zhang, Pengfei Liu. colors of belts in SKA

## performances for Dhamaka

## CALTECH KARATE

The Caltech Karate Club, founded by Mr. Tsutomu Ohshima in 1957, is the 1st university karate club in the USA. Mr. Ohshima is widely regarded as one of the top Karate masters in the world. He was on the Caltech faculty for 37 years and directly taught those who now serve as the Club's teachers. The club organizes 3 practices per week.

**PICTURED:** Robert Johnson, Stephanie Tsuei, David Berry, Matthieu Clog, Charles Miller, Raffi Massabki, Derek Yee, Sijia Dong, Chris Finch. **NOT PICTURED:** Michael Bateman, Ellen Price, Qunchao Sun, Ousmane Sy.

## CALTECH ROBOTICS TEAM

The Caltech Robotics Team is a group of 30 undergraduates that has been working on an AUV named "Bruce" for the RoboSub competition in July 2014 over the past year.

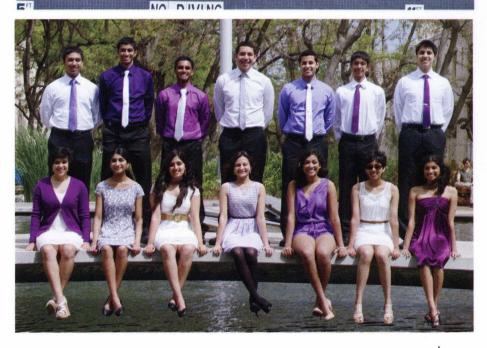
**FRONT ROW.** Basith Fahumy, Greg Izatt, Srinivasa Bhattaru, David Flicker, Justin Koch, Tyler Okamoto, Torkom Pailevanian, Juliana Kew. **BACK ROW.** Solomon Chang, Joel Burdick, Xi Xu, Edward Fouad, Chenchao Shou, Erin Evans, Michael Jenson, Kushal Agarwal, Jeff Picard.

DHAMAKA Dhamaka is Caltech's premier Bollywood Dance Team. From classical to hip hop to Bollywood, these dancers do it all. Members of Dhamaka are known for their strength, spunk, sass, and class.

**FRONT ROW.** Aashrita Mangu, Suchita Nety, Meera Reghunathan, Ellora Sarkar, Meghana Pagadala, Sumana Mahata, Anjali Premkumar. **BACK ROW.** Anirudh Neti, Sarthak Sahu, Anand Poozhikunnel, Chinmay Nirkhe, Avishek Dutta, Nand Kishore, Ritwik Anand.







+ volunteers for MADD

## members of BoD



ASCIT BOD The main body of

undergraduate student government is ASCIT, the Associated Students of the California Institute of Technology. ASCIT is governed by the nine elected members of the Board of Directors (BoD). The Directors set the budget, discuss and act on student concerns and issues, and represent the undergraduates to the faculty, administration, and other groups.

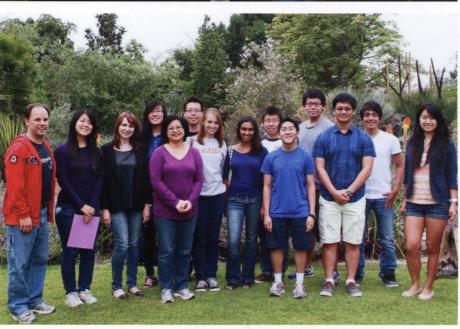
PICTURED: Connie Hsueh (Director of Operations), Monica Enlow (Treasurer), Michelle Tang (Social Director), Catherine Jamshidi (Secretary), Connor Coley (IHC Chair). NOT PICTURED: Malvika Verma (ARC Chair), Zach Rivkin (President)

**CALTECH Y** The Y enriches student life and challenges students to grow into responsible citizens. Founded in 1916, it seeks to broaden students' worldviews, raise social, ethical, and cultural awareness through teamwork, community engagement, activism, and leadership. Popular programs include Make a Difference Day, Alternative Spring Break, and Decompression.

**PICTURED:** Greg Fletcher (staff), Aileen Cheng ('16),Liz Jackman (staff), Wen Min Chen ('15), Athena Castro (staff), Peter Hung (Grad), Karsyn Bailey ('15), Aleena Patel ('15), Max Wang ('15), Tyler Okamoto ('17), Nelson Chou ('17) Anthony Chen ('14), Matthew Cedeno ('16), Phoebe Ann ('15). **NOT PICTURED:** Laura Santoso, Caroline Yu, Jocelyn Kishi, Jessica Yeung, Christine Chou, Xiaomi Du.

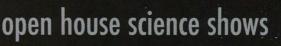
KEYTONES The Keytones are Caltech's only all-male a cappella group. They sing a mix of songs including pop, rock, doo-wop, and barbershop.

BACK ROW. Demetris Drakos, Matthew Dughi, Sirus Han, David Ding, Benjamin Cosman. FRONT ROW. Jalani Williams, Daniil Ilyin, Aniruddha Bapat, Jonathan Liu, Harrison Miller.









## **OUT OF CONTEXT**

Out of Context is the oldest co-ed a cappella group at Caltech consisting of graduate and undergraduate students. They perform at various venues both at and away from Caltech. Their repertoire includes Ain't No Sunshine, Caltech Girl, Inside Out, Insomniooc, Love Story, Mad About You, No Surprises, Oh Darling, Semi-Charmed Life, Shambala, Sk8er Boi, Still Alive, and more.

**FRONT ROW.** Anjali Premkumar, Ruchi Jahagirdar, Shalini Majumdar, Melissa Zhang. **SECOND ROW.** Eric Liu, James Lu, Linda Chio, Lasya Marla. **BACK ROW.** Vasant Iyer, Krishnan Chander, Ben Lieber, Daniel Gomez. **NOT PICTURED.** Gemma Mason, Kun Ho Kim, Gandalf Saxe.

## FLUID DYNAMICS

Sometimes, Caltech's Fluid Dynamics builds rocket ships. Sometimes they build awesome laser guns! Sometimes, they just sit in front of whiteboards all day because Science is a cruel mistress. To escape from the clutches of Science, Fluid Dynamics sings. Check them out at www.fdacappella.com for videos and news updates!

**MEMBERS.** Kelvin Bates (Co-director, tenor), Jetson Leder-Luis (Co-director, baritone), Not Kevin Young (Business manager, tenor), Juliet Su (Business manager, mezzo), Alina Hwang (soprano), Casey Handmer (bass), Roel Rodriguez (bass), Peter Lommen (tenor), Graham Schmidt (tenor), Will Dooris (bass), Emily Partridge (alto), Catherine Pavlov (mezzo), Sanji Dewan (soprano), Jeff Sherman (tenor).

SWE SWE promotes and supports women in engineering with outreach and professional development events, ranging from local to national, including dinners with professors, Dress for Success events, community outreach, receptions with industry (coinciding with the Career Fair), workshops, speakers, monthly meetings and more.

**PICTURED:** Kiara Simpao, Liz Beaver, Ratnalekha Viswanadham, Malvika Verma, Jacqueline Maslyn, Kayane Dingilian, Puikei Cheng, Hannah Walsh, Samriddhi Sharma, Allika Walvekar, Bhavana Rao, Meera Kumar, Deeksha Agrawal. **NOT PICTURED:** Moriah Bischann, Katherine Lai, Theresa Lee, Doreen Chan, Kelsey Spaur, Jen Caseres, Kexin Rong, Jessica Yeung, Nancy Wen, Samantha Piszkiewicz, Connie Wang.







shows for EXPLiCIT per year

SAAC event per sport



**SAAC** The Student-Athlete Advisory Committee's purpose as a club is to increase visibility of intercollegiate athletics to the greater Caltech community as well as encourage community support in athletics.

MEMBERS. Parul Pubbi, Kelsey Spaur, Soumya Kannan, Alice Michel, Marlyn Moore, Paige Logan, Jon Schor, CJ Culpepper, Kristin Anderson, Esther Du, Valerie Pietrasz, Monica Li, Matt Lappin, Michael Zhang, Cat Jamshidi, Amy Hu, Marec Serlin, Alex Ilic, Albie Lavin, Bryan Joel.





**EXPLICIT** Extracurricular Players at CIT works to foster involvement in theater, and to expand the application of theater across disciplines. We organize outings to local theatrical productions, have movie nights, aid TACIT on the winter musical, and produce a summer show (The Tempest, left).

MEMBERS. Allison Penn, Andre Ramos, Angela Gui, Bolton Bailey, Chinmay Nirkhe, Chris Dosen, Clake Esmerian, Dan Ilyin, Daniel Gomez, Edward Fouad, Elizabeth Ryan, Elizabeth Terlinden, Evan Davis, Harrison Miller, Jetson Leder-Luis, John Li, Juan Diego Palamino, Juliet Ye Su, Klavdia Zemlainova, Li Gu, Lilly Luo, Lucy Chen, Mary Do, Nikhita Poole, Pallavi, Peter Lommen, Raj Katti, Rebecca Tang, Sean McKenna, Stella Wang, Stone Jiang, Tara Henry, Zoffi Kazcmarek.

**ESW** Engineers for a Sustainable World (ESW) works on projects related to sustainability and attends seminars such as the ESW National Conference. This year we built an RC controlled boat made from recycled materials and regularly held food waste audits in each house. We found that each day the houses combined produced more than 100 lb of food and hope to use this information to start a food donation program.

MEMBERS. Zofii Kaczmarek, Hima Hassenruck-Gudipati, Aaron Krupp, Jean-Alexandre Turban, Andrew, Lucas, Michael Grappone. NOT PICTURED. Aleena Patel, Josie Kishi, Catherine Pavlov.

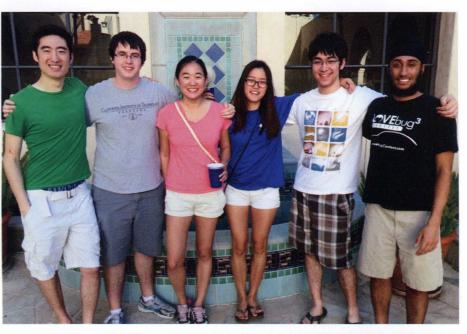




## Science Olympiad events

**IEEE** IEEE Caltech strives to provide its members and the Electrical Engineering undergraduate population with opportunities beyond those offered in the classroom through announcements of opportunities and events where undergraduates and professors can build relationships in a more casual setting.

**MEMBERS.** Oliver Chen, Matt Conroy, Katherine Lai, Do Hee Kim, Matt Klucher, Angad Rekhi. **NOT PICTURED.** Aashrita Mangu.

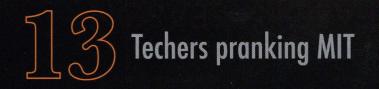


#### **CALTECH SCIENCE OLYMPIAD** The Science Olympiad club provides education outreach opportunities for members to help out with local Science Olympiad competitions as well as professional development opportunities to present at workshops.

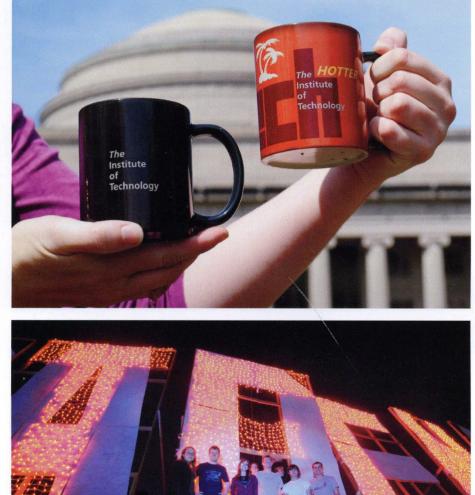
MEMBERS. Kushal Agarwal, Curie Ahn, Jeffrey An, Andy Bartlett, Joseph Berleant, Marcus Bintz, Sean Cao, Tracey Chan, Anthony Chen, Chien-Chang Chen, David Chen, Kevin Chen, Aileen Cheng, Nelson Chou, Anne Christian, John Christian, Sarah Del Ciello, David Ding, Sith Domrongkitchaiporn, Nick Dou, Rebecca Du, Isaac Fees, Betsy Fu, Amanda Gao, Chris Gardner, Angela Gong, Jeff Han, Casey Handmer, Jacob Hedelius, Kun Ho Kim, Stephanie Hong, Jessica Hsu, Rebecca Hu, Kenneth Hung, Peter Hung, Vasant Iyer, Julie Jester, Sean Keenan, Emil Khabiboulline, Ian Koss, Neil Kumar, Jessica Lam, Justin Leong, Jarvis Li, Lauren Li, Dennis Liao, Cindy Lin, Daisy Lin, Audrey Liu, Kimberly Liu, Daniil Lukin, Sumana Mahata, Chanukya Malla, Nailen Matschke, Blaine Matulevich, Emily Mazo, Wen Min Chen, Stephanie Moon, Xinyi Nan, Minh Nhat Le, Richard Norte, Tyler Okamoto, Bryance Oyang, Mike Qian, Gerri Roberts, Roel Rodriguez, Chris Roh, Mehmet Sencan, Neera Shah, Nehaly Shah, Jingwei Shi, Judy Shon, Emma Shupper, Julia Su, Alison Tan, Dylan Tozier, Ben Wang, Connie Wang, Melissa Wang, Michelle Wang, Stella Wang, Nick Weadock, Michelle Wong, Tina Xu, Cassidy Yang, Jessica Yeung, Patrick Yiu, Caroline Yu, Kristie Yu, Patrick Yu, Will Yu, Tony Zhang, Frank Zhou.



heat sensitive mugs







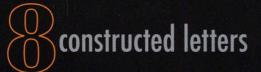
### PRANK CLUB Prank Club's

major event this year was the MIT prank. 13 members of Prank Club flew to Massachusetts in preparation for MIT's Campus Preview Weekend (CPW). Their mission: prove which institute is hot and which one is not. Their arsenal: 800 heat sensitive mugs that at first read "MIT The Institute of Technology" but under the influence of heat change to read "CALTECH The Hotter Institute of Technology."

**FRONT ROW.** Christina Meyer, Talia Minear, Gregory Izatt, Jesse Salomon, Nicholas Schiefer, Samantha Piszkiewicz, Julia Jester, Grace Park. **BACK ROW.** Justin Koch, Michael Jenson, Jeffrey Picard, Jeffrey Rosenberg, Brandon Robinson.

Techers handed out the mugs to unsuspecting prefrosh right outside of CPW's formal welcome event. However, the Caltech students were told they would need to stop handing out mugs unless they could prove they were a registered event. Prank Club President, Julie Jester stalled the admissions staff for 20 minutes with a fake story that their event was registered through the MIT Alumni Association. Jester called up Tom Mannion and casually asked him for the name of the official who sanctioned the mugs. Initially confused by the abrupt call, Mannion pulled through by questioning his class for a name of a member of MIT's Alumni Association. Despite MIT's best efforts, Caltech's prank went through beautifully.

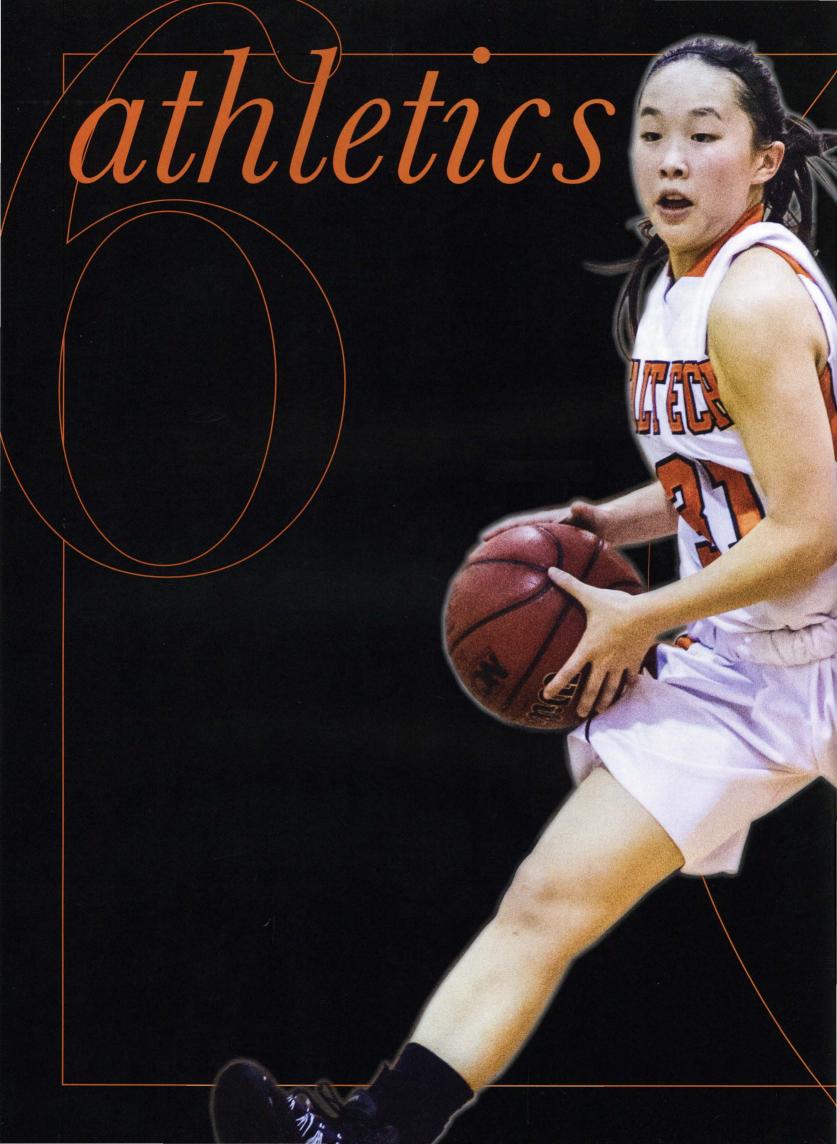
Earlier that year, Prank Club also organized the pranking of the Bowl Championship Series national title game at the Rose Bowl. Under cover of darkness, a group of Caltech students posted a 2,000 square-foot sign that spelled out Pasadena with letters 20 feet tall and 12 feet wide. The letters are in the uneven fashion identical to the world-famous Hollywood sign. Just before halftime, 6,300 orange lights illuminated the Pasadena sign to transform it to the word Caltech. This prank pays tribute to the old Hollywood and Rose Bowl pranks.



**Active Clubs** 

## **CLUBS NOT PICTURED**

Academic and Research Committee (ARC), Active Minds at Caltech, Biology Undergraduate Student Advisory Committee, Black Ladies Association of Caltech, Black Students of the California Institute of Technology (BSCIT), Bridges at Caltech, CHMMC Management Club, Caltech Alpine Club, Caltech American Institute of Chemical Engineers (AICHE), Caltech Anime Society, Caltech Badminton Club, Caltech Ballet Club, Caltech Ballroom Dance Club, Caltech Bridge Club, Caltech Chemistry Club, Caltech Chess Club, Caltech Chinese Student Association (CCSA), Caltech Christian Fellowship (CCF), Caltech Club for Computer Science, Caltech Co-Ed Volleyball Club, Caltech Cricket Club, Caltech Dance Show Club, Caltech Dance Team, Caltech Dance Troupe, Caltech Entrepreneurship Club, Caltech Fencing Club, Caltech InnoWorks, Caltech Juggling Club, Caltech Korean Student Association, Caltech Lacrosse Club, Caltech Latino Association of Students in Engineering and Sciences (CLASES), Caltech Latter-Day Saint Student Association, Caltech League of Legends Club, Caltech Newman Center, Caltech Premedical Association (CPMA), Caltech Russian Club, Caltech Tai Chi Club, Caltech Tango Club, Caltech Triathlon Club, Caltech Ultimate Frisbee Club, Caltech Wine Club, Caltech Women's Softball Club, Club Latino, Conduct Review Committee (CRC), Corazon de Vida, Dance Dance Revolution Club, Engineers Without Borders Caltech Chapter, French Club, Hillel, InterAxon, Italian Club, Korean Campus Crusade for Christ (KCCC), Life Christian Fellowship, Magic: the Gathering Club, Muslim Student Association, Nerf Club, OASIS, Orienteering Club, PRISM, Photography Club, Physics Club, Puzzle Club, Quiz Bowl, Robogals, Rubik's Cube Club, S.P.E.C.T.R.E., Science & Engineering Policy at Caltech (SEPAC), Singapore Students Society (S^3), Strategy Games Club, Strong Ales Club, Student Investment Fund (SIF), Students for the Exploration and Development of Space (SEDS), Techers for a Sustainable Future (TSF), The Feminist Club, The Injera Club





# MEN'S WATERPOLO



 ROAR. Patric Eck '16 snarls as he faces down the opposing goalie.
 AMOEBA. Chris Bradley '17, Connor Lee '17 and Tomas Tussie '17 team up for some zone defense.
 UPSLIDE. Chris Bradley '17 fakes out the goalie on his way to a teamleading 67 goals.

**THE TEAM.** Coach Pat Beemer, Coach Grant Hollis, Ben Grabowski '15, Chris Bradley '17, Tomas Tussi '17, Patric Eck '16, CJ Culpepper '15, Jim Blackwood '16, Connor Lee '17, Matthew Lappin '15, Austin Mayron '15, Jerome Skelly '15, Galen Gao '16, Leon Ding '17, Parth Shah '17, Jordan Bonilla '17, Matthew Cedeno '16



## BY THE NUMBERS

different players scored in the win

over LA Trade

Tech for a total

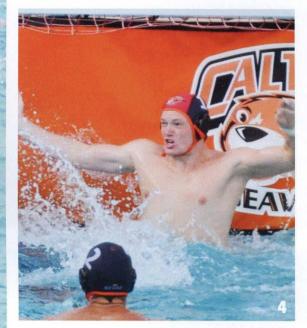
goals

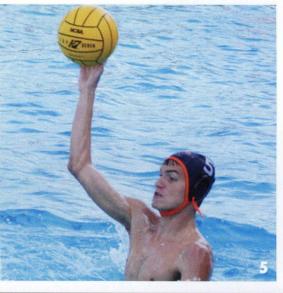
of <

new record for number of saves in a single game set by Ben Grabowski

102 athletics

**4. INTIMIDATION FACTOR.** Ben Grabowski '15 puts on his most menacing face as he jumps to make a block. Grabowski was named an ACWPC honorable mention All-American for his efforts this season. **5. ELASTIBOY.** CJ Culpepper '15 uses his long arms to pass around the defense.





#### SCHEDULE

vs LA Trade Tech	W	
vs San Diego Mesa	L	
vs Santa Monica College	L	
@ Citrus College	L	
vs Wash & Jeff		
18		
vs La Verne	L	
vs Notre Dame (OH)	L	
vs Iona	L	
vs Penn St. Behrend	W	
vs Connecticut College	L	
@ Chapman	L	
@ CMS	L	

14-6

5-10

4-11

8-12

11-19

5-15 7-19

9-8 9-19 5-27

7-16

L

	@ La Verne	L	5-16
	vs Chaffey College	W	12-7
	vs Cal Lu	L	5-16
	@ Pomona Pitzer	L	9-16
	12@ Redlands	L	3-19
	vs Occidental	L	3-13
)	vs Whittier	L	7-14
	@ Occidental	L	6-13
	vs La Verne	L	8-16
			ON
	SCORE	SH	EET

RISE ABOVE. Jim Blackwood '16 ifts himself out of the water to

#### **TOP PERFORMERS**

Goals: Chris Bradley (67) Assists: Jim Blackwood (18) Steals: Chris Bradley (25) & CJ Culpepper (25) Exclusions Drawn: Patric Eck (36) Field Blocks: Chris Bradley (11) Saves: Ben Grabowski (241)

## SEASON STATISTICS

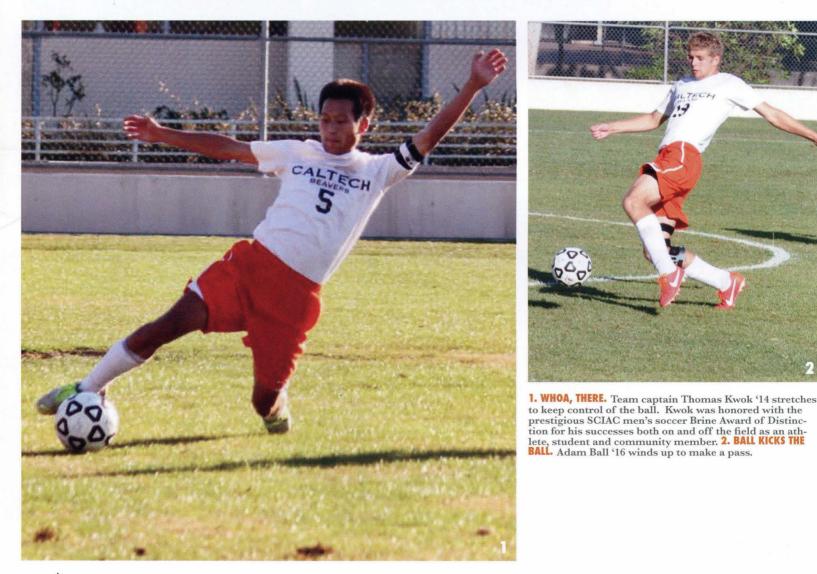
## BY THE NUMBERS



season high shots taken against Cal Lu on October 28



# SOCCER



#### SCHEDULE

vs Cal State San Marcos	L
vs Arizona Christian	L
@ Chapman	L
vs. Whittier	L
@ La Verne	L
vs Pomona Pitzer	L
@ Occidental	L
vs Cal Lu	L
vs Redlands	L
vs CMS	L
@ Pomona Pitzer	L
vs La Verne	L

0-5	vs Chapman
1-10	@ Whittier
1-5	@ CMS
1-4	@ Redlands
0-4	@ Cal Lu
0-4	vs Occidental
0-9	@ Occidental
0-3	
0-1	
0-6	
2-4	

0-2

L	0-7
L	0-5
L	0-8
L	0-5
L	0-3
L	0-2
L	0-9

#### **TOP PERFORMERS**

Goals: Marec Serlin (2) & Alec Sands (2) Assists: Marec Serlin (2) Shots on Goal: Alec Sands (10) & Evren Gokcen (10) Saves: JD Feist (147)

## SEASON SEASON SCORESHEET STATISTICS

 Image: Contract of the state of th



**THE TEAM. TOP ROW.** Left to right: Coach John Reynolds, Alp Sunol '17, Evan Zhao '15, Ryan Dempsey '17, Adam Ball '16, Schaeffer Reed '17, JD Feist '17, Valentin Skoutnev '16, Juan Pablo Ocampo '15, Joseph Roddy '17, David Luo '17, Coach Rolando Uribe MIDDLE ROW. Left to right: Luke Harrison GR, Daniel Yiu Wah Lo '14, Charles Wang '17, Chan-Hee Koh '14, Pedro Ojeda '17, Evren Gokcen '17, Thomas Kwok '14, Marec Serlin '15, Kevin Gao '17, Alec Sands '16 BOTTOM ROW. Left to right: Ashay Gore '17, Thomas Arnold '16, Archana Chintalacharuvu '17, Monica Li '16, Aileen Cheng '16, Jean-Alexandre Turban '16, Nick Weil '15

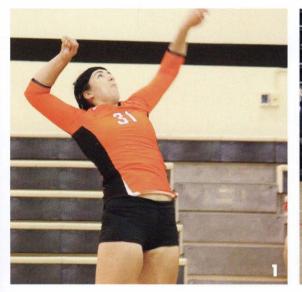


THE TEAM. TOP ROW. Left to right: Juliet Su '16, Amy Hu '16, Ker Lee Yap '17, Rachel Hess '14, Lisa Lee '14. BOTTOM ROW. Left to right: Amarise Little '16, Meghana Pagadala '16, Suzannah Osekowsky '17, Catherine Jamshidi '16, Paige Logan '14, Rebekah Kitto '14, Connie Hsueh '15. NOT PICTURED. Harinee Maiyuran '16.

# VOLLEYBALL

## BY THE NUMBERS season high team aces in a single game in first win over Mills on October 19

new school record for kills in a single match set by Paige Logan team average kills per set





**1. KILL OR BE KILLED.** Paige Logan '14 jumps to make a kill, contributing to her team-leading 174. **2. IN THE ZONE.** Catherine Jamshidi '16 and Lisa Lee '14 crouch into an athletic stance and wait for the serve.



#### SCHEDULE

@ West Coast Baptist **a** Redlands vs Redlands vs Santa Ana College vs Occidental vs La Verne a CMS (a) Chapman (a) Pomona Pitzer **a** Whittier vs Cal Lu @ Occidental

L

L

L

L

L

L L

L

L L

L

L

0-3

0-3

0-3

0-3	vs CMS	L	0-3
0-3	vs Mills	W	3-0
0-3	vs Mills	W	3-0
2-3	vs Chapman	L	2-3
0-3	@ La Verne	L	0-3
0-3	vs Whittier	L	0-3
0-3	vs West Coast Baptist	L	1-3
0-3			
0-3			

#### **TOP PERFORMERS**

Kills: Paige Logan (174) Total Attacks: Paige Logan (545) Aces: Rachel Hess (26) Digs: Lisa Lee (164) Total Blocks: Connie Hsueh (31)

## SEASON SEASON SCORESHEET STATISTICS



THE TEAM. TOP ROW. Left to right: Coach Susan Ross, Marlyn Moore '14, Emily Jensen '16, Parul Pubbi '17, Katja Luxem '14, Juliette Becker '14, Sandia Akhtar '16, Alice Michel '16, Nandini Mukherjee '14, Carla Watson '15, Coach Scott Jung BOITOM ROW. Left to right: Sheila Lo '16, Rachel Thorp '16, Stephanie Reynolds '15, Emily Mazo '17, Trisha Guchait '14, Sheila Murthy '17, Kate Evans '17 NOT PICTURED. Margaret Lee '16

## WOMEN'S CROSSCOUNTRY BY THE NUMBERS

Stephanie Reynolds placed 200 out of 1110 competitors at the SCIAC championships as the top Caltech finisher at the meet

**1. SPRINT TO THE FINISH.** Juliette Becker '14 keeps up the pace to stay ahead of her competitors as she nears the finish line. **2. IN STRIDE.** Stephanie Reynolds '15 doesn't break her stride as she powers through the course. Reynolds was the top finisher for the Beavers in every meet this season.





### SCHEDULE

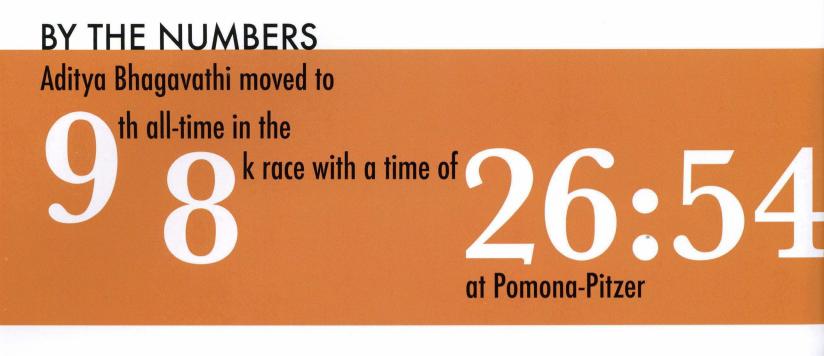
@ Redlands Invitational
@ UC Riverside Invitational
@ Pomona Pitzer Invitational
@ SCIAC Multi-Duals
@ SCIAC Championships
@ NCAA West Regional

### **TOP PERFORMERS**

GO THE DISTANCE.

Redlands (4.5k): Stephanie Reynolds (18:23) UC Riverside (5k): Stephanie Reynolds (19:52) Pomona Pitzer (6k): Stephanie Reynolds (24:14) SCIAC Multi-Dual (6k): Stephanie Reynolds (23:37) SCIAC Championships (6k): Stephanie Reynolds (25:05) NCAA West Regional (6k): Stephanie Reynolds (24:18)

## SEASON SEASON SCORESHEET STATISTICS



## MEN'S CROSSCOUNTRY



**THE TEAM. TOP ROW.** Left to right: Coach Scott Jung, Alex Geffner-Mihlsten '17, Juan Adame '15, Jared Forte '15, Ian Koss '15, Joel Kosmatka '17, Alexander Anemogiannis '16, Nick Haliday '17, Rishabh Pipada '17, Connor Crowley '17, David Inglis '17, Michael Zhang '14, Elliot Simon '16, Coach Susan Ross **BOITOM ROW:** Left to right: Aditya Bhagavathi '16, Alex Port '15, Alex Pien '16, Michael Ignatowich GR, Jonathan Schor '14, William Livingston '14, Jeffrey An '17, Stan Schor '14, Mark Lorden '16 **NOT PICTURED.** Marco Cruz Heredia '17, Chris Gardner '15, Eric Martin '15, Roel Rodriguez '17

**1. RUNNING LIKE THERE'S NO TOMORROW.** David Inglis '17 dashes up the hill like it's December 20, 2012.



#### SCHEDULE

@ Redlands Invitational
@ UC Riverside Invitational
@ Pomona Pitzer Invitational
@ SCIAC Multi-Duals
@ SCIAC Championships
@ NCAA West Regional

### **TOP PERFORMERS**

Redlands (6k): Aditya Bhagavathi (19:54) UC Riverside (8k): Aditya Bhagavathi (27:07) Pomona Pitzer (8k): Aditya Bhagavathi (26:54) SCIAC Multi-Dual (8k): Aditya Bhagavathi (27:14) SCIAC Championships (8k): Aditya Bhagavathi (27:44) NCAA West Regional (8k): Alex Pien (26:58)

## SEASON SEASON SCORESHEET STATISTICS







ON THE RUN. Nobody can catch Aditya Bhagavathi '16 as he focuses on running his fastest.
 MAKING A RUN FOR IT. Michael Ignatowich GR races towards the finish line, trying to stay ahead of his competitors.

## BY THE NUMBERS

number of school records broken this season

number of Caltech swimmers and divers who finaled at the SCIAC championship meet

### TOP PERFORMERS: MEN

50 free: Patric Eck (22.33) 100 free: Patric Eck (48.45) 200 free: Patric Eck (1:46.99) *500 free*: CJ Culpepper (5:04:32)

100 fly: Kevin Yu (53.35) 200 fly: Kevin Yu (2:00.56) 100 back: Kevin Yu (56.52) 200 back: Matt Lappin (2:14.02)

SEASON **STATISTICS** 

100 breast: Matthew Cedeno (1:11.85 200 breast: Kevin Yu (2:28.85) 200 IM: Kevin Yu (2:05.20) 400 IM: Leon Ding (5:08.44) 1000 free: CJ Culpepper (11:03.34) 1 m diving: Ben Grabowski (370.25) 1650 free: CJ Culpepper (17:50.14) 3 m diving: Ben Grabowski (359.45

# SWIMMING & DIVING

**1. TAKEOFF.** Kalyn Chang '17 dives off the block as the starting beep sounds. **2. HIGH FLYER.** Alex Place '17 folds himself into a pike position as he flies through the air. Place reached the finals of the SCIAC 3 meter diving event, ultimately placing ninth. **3. PERFECTLY POINTED.** Zofii Kaczmarek '17 straightens her legs and points her toes as she unfolds from a pike to enter the water. Kaczmarek reached the finals of the both the SCIAC 1 meter and 3 meter diving events, placing 15th and 12th in each event respectively.

**THE TEAM.** Coach Jack Leavitt, Coach Ute Zimmerman, Coach Hidenaga Murakami **MEN'S.** Jordan Bonilla '17, Chris Bradley '17, Matthew Cedeno '16, CJ Culpepper '15, Leon Ding '17, Patric Eck '16, Galen Gao '16, Ben Grabowski '15, Matthew Lappin '15, Austin Mayron '15, Alex Place '17, Kevin Yu '16 **WOMEN'S.** Kalyn Chang '17, Alexandra Ilic '16, Zofii Kaczmarek '17, Katie Knister '14, Grace Lee '16, Iris Liu '14, Katja Luxem '14 Jaqueline Masehi-Lano '15, Suzannah Osekowsky '17, Tiffany Zhou '16

#### **TOP PERFORMERS: WOMEN**

50 free: Jaqueline Masehi-Lano (25.67)
100 free: Jacqueline Masehi-Lano (57.94)
200 free: Jacqueline Masehi-Lano (2:09.48)
500 free: Alexandra Ilic (5:59.40)
1000 free: Alexandra Ilic (12:45.84)
1650 free: Alexandra Ilic (21:12.10)
100 fly: Jacqueline Masehi-Lano (58.69)
200 fly: Jacqueline Masehi-Lano (2:12.71)
100 back: Kalyn Chang (1:11.19)
200 back: Suzannah Osekowsky (2:45.37)
100 breast: Iris Liu (1:20.35)
200 breast: Iris Liu (3:04.13)
200 IM: Jacqueline Masehi-Lano (2:23.69)
1 m diving: Zofii Kaczmarek (265.75)
3 m diving: Zofii Kaczmarek (238.90)

### SCHEDULE: MEN'S

vs Redlands	L
vs Occidental	L
@ Pomona Pitzer	L
vs Whittier	L
vs Chapman	V
vs Cal Lu	L
@ CMS	L
vs Chapman	V
vs La Verne	L

## SEASON SCORESHEET

#### SCHEDULE: WOMEN'S

31-

105

73-

71-

126

94-

66-

106

76-

178	vs Redlands	L	24-200
5-183	vs Occidental	L	54-189
215	@ Pomona Pitzer	L	50-226
149	vs Whittier	L	29-297
5-86	vs Chapman	L	60-166
178	vs Mills	W	123-77
222	vs Cal Lu	L	49-180
5-90	@ CMS	L	32-239
150	vs Chapman	L	43-168
	vs La Verne	L	69-147







**4. SHARK FIN.** Iris Liu '14 keeps her elbow high as she chases down her opponent in the next lane. **5. CATCH MY BREATH.** Alexandra Ilic '16 takes a moment to breathe during the 500 freestyle.

## MEN'S BASKETBALL



**THE TEAM. TOP ROW.** Left to right: Coach Collin Murphy, Coach Oliver Eslinger, Coach Dave Briski **MIDDLE ROW.** Left to right: Nasser Al-Rayes '17, Kc Emezie '16, Matthew Edwards '17, Robert Anderson '16, Andrew Hogue '15, David LeBaron '17, Lawrence Lee '17, Nick Buoniconti '17 **BOTTOM ROW.** Left to right: Darius Simmons '17, Matthew Lim '17, Josh Sonola '17, Ricky Galliani '17, Luke Lango '17, Bryan Joel '15, Naveen Tadepalli '16.

 CROUCHING TIGER. David LeBaron '17 bends his knees as he shoots a free throw.
 SLAM DUNK. The opposing player looks on in pure awe as Kc Emezie '16 scores on an impressive dunk.



new team record

for most points in

a single season



BY THE NUMBERS

number of players with double-digit points in the overtime win over UC Santa Cruz on December 14

#### TOP PERFORMERS

Field Goals: Kc Emezie (112) 3-Pointers: Bryan Joel (44) Free Throws: Andrew Hogue (57) Total Points: Kc Emezie (274) Points per Game: KC Emezie (11.0) Rebounds: Andrew Hogue (170) Assists: Andrew Hogue (54) Blocks: Nasser Al-Rayes (28) Steals: Bryan Joel (35)

SEASON STATISTICS



58-55

51-78

67-77

54-60

73-87

74-80

60-87

70-67

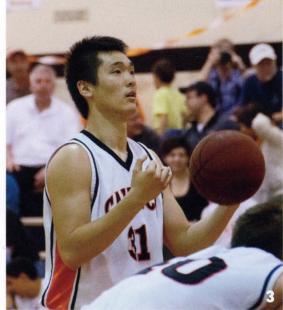
82-65

69-102

49-61

52-62

**3. CONCENTRATION.** Lawrence Lee '17 spins the ball in his hands, focusing on the basket as he prepares to make a free throw. **4. HUDDLE UP.** The team gets pumped up in a pre-game huddle.





## SCHEDULE

vs Willamette	W
vs Pacific (OR)	L
vs St. Vincent	L
vs Linfield	L
vs Whitman	L
vs Occidental	L
vs Pomona-Pitzer	L
vs UC Santa Cruz	W
vs Illinois Tech	W
vs Ohio Northern	L
vs Cornell College	L
@ La Verne	L

@ Redlands	L
vs Cal Lu	L
vs Whittier	L
@ CMS	L
@ Pomona Pitzer	L
vs Chapman	L
vs La Verne	L
@ Occidental	L
@ Cal Lu	L
vs CMS	L
vs Redlands	L
@ Chapman	L

69-82

53-77

72-86

50-75

63-84

56-75

51-59

54-57

60-63

52-83

70-76

69-89

@ Whittier	L	69-87
@ Basquet Neus	L	64-68
@ Basquet Circol	W	72-69
@ Sferic Basquet	W	57-52
<b>a</b> Basquet Ripollet	W	64-50

## SEASON SCORESHEET

## BY THE NUMBERS

assists

The team had a school record-setting

against Swarthmore

on January 4

new team record for most points scored in a single season

#### TOP PERFORMERS

Field Goals: Bridget Connor (122) 3-Pointers: Stephanie Wong (42) Free Throws: Stephanie Wong (63) Total Points: Stephanie Wong (263) Points per Game: Stephanie Wong (12.0 Rebounds: Kristin Anderson (149) Assists: Esther Du (76) Blocks: Kristin Anderson (23) Steals: Esther Du (29)

## SEASON STATISTICS

# WOMEN'S BASKETBALL



THE TEAM. Left to right: Esther Du '16, Annie Chen '16, Mary Boyajian '17, Bridget Connor '15, Kristin Anderson '16, Tiffany Huang '14, Rachel Hess '14, Grace Leishman '16, Stephanie Wong '16, Kate Lewis '17, Michelle Wong '17, Kit Chinetti '17 NOT PICTURED. Garima Gupta '14

SCHEDULE								
vs Linfield	L	55-85	@ Redlands	L	25-66	@ Whittier	L 65-72	
vs Crown	W	73-61	vs Cal Lu	L	69-79			
vs La Sierra	L	55-63	vs Whittier	L	73-100			
vs Occidental	L	61-49	(a) CMS	L	39-88			
vs Pomona-Pitzer	L	48-53	@ Pomona-Pitzer	L	62-68			
vs Bethesda Christian	L	55-68	vs Chapman	L	58-91			
vs Northern New Mexico	L	39-66	vs La Verne	L	45-63			
vs Webster	L	64-84	@ Occidental	L	45-65			
vs Grinnell	L	56-79	@ Cal Lu	L	48-81			
vs Hamline	L	58-90	vs CMS	L	37-66			
vs Swarthmore	L	80-97	vs Redlands	L	55-77		SEASON	
@ La Verne	L	67-70	@ Chapman	$\mathbf{L}'$	55-84	SCC	DECUEET	







 MAKE THE LEAP. Esther Du '16 skillfully maneuvers past her defender. Du was not only an offensive threat this season, but also a defensive one - she led the team in steals with 29.
 PLAYING HARDBALL. Kristin Anderson '16 fights off a challenge from the opposition as teammate Michelle Wong '17 tries to avoid the commotion in front of her. In addition to being first on the team in blocks and rebounds. ing first on the team in blocks and rebounds, Anderson was also a team leader in field goal percentage with 41.8%.

# FENCING





**THE TEAM. TOP ROW.** Left to right: Jonathan Stauffer '17, John Christian '15, Matthew Jin '17, Christina Meyer '17, Stephanie Moon '17, Talia Minear '17, Ingrid Fiedler '15, Colin Murphy '17 **BOITOM ROW:** Left to right: Coach Margo Miller, Emelia Hernandez '16, August Nanz '16, Eugene Vinitsky '14, Keegan Mendonca '17, Stan Schor '14, Anup Kishore '16, Jonathan Schor '14, Katie Fisher '15, Shi En Kim '16, Coach Carla Corbit, Coach Kevin Barkett **NOT PICTURED:** Chris Couste '16, Marco Cruz Heredia '17, Bella Guo '17, Ruchi Jahargidar '15, Sonia Kim '17, Sheila Lo '16, Harrison Miller '15, Catherine Pavlov '16, Constance Robinson '17, Taylor Strumwasser '16, Omer Subasi '16, Lee Tang '17, Margaret Walter '17, William Yu '17

**1. GET YOUR HEAD IN THE GAME.** Christina Meyer '17 stares intensely down at her foil as she gets into the competetive mindset. Meyer was the women's leader in epee, winning 52% of her bouts. **2. CHECK THEM OUT.** Keegan Mendonca '17 and Eugene Vinitsky '14 size up their opponents during a tournament. **3. FIGHT 'TIL THE END.** Eugene Vinitsky '14 fights off his competitor.





## BY THE NUMBERS

Caltech fencers qualified for the NCAA West Regional tournament

The women's team rd in the IFCSC finished conference

### **SCHEDULE**

- @ IFCSC Open Tournament
- @ IFCSC Full Meet Tournament
- @ Western Invitational
- **(a)** Northwestern Duals
- (a) IFCSC Team Tournament South vs. South
- @ IFCSC Team Tournament North vs. South
- @ NCAA West Regional

SEASON SCORESHEET



4. ON THE OFFENSIVE. Katie Fisher '15 attacks forward, paving her way to victory. Fisher led the women's foil squad, winning 53% of her bouts. 5. CHALLENGE ACCEPTED. Matthew Jin '17 faces off against his opponent. Jin was Caltech's number one fencer on the men's foil squad, winning 68% of his bouts.





### **TOP PERFORMERS: MEN**

Epee Wins (All bouts): Omer Subasi (17) Epee Win Percent (All bouts): Taylor Strumwasser (.63) Epee Win Percent (NCAA Pool): Omer Subasi (.27) Foil Wins (All bouts): Matthew Jin (39) Foil Win Percent (All bouts): Matthew Jin (.68) Foil Win Percent (NCAA Pool): Matthew Jin (.47) Saber Wins (All bouts): Harrison Miller (14) Saber Win Percent (All bouts): Harrison Miller (.36) Saber Win Percent (NCAA Pool): Jon Schor (.28)

### **TOP PERFORMERS: WOMEN**

Epee Wins (All bouts): Christina Meyer (32) Epee Win Percent (All bouts): Christina Meyer (.52) Epee Win Percent (NCAA Pool): Christina Meyer (.38) Foil Wins (All bouts): Katie Fisher (31) Foil Win Percent (All bouts): Katie Fisher (.53) Foil Win Percent (NCAA Pool): Katie Fisher (.41) Saber Wins (All bouts): Shi En Kim (22) Saber Win Percent (All bouts): Shi En Kim (.38) Saber Win Percent (NCAA Pool): Shi En Kim (.28)



# WOMEN'S WATERPOLO



THE TEAM. TOP ROW. Left to right: Coach Pat Beemer, Katie Knister '14, Liz Lawler '15, Soumya Kannan '16, Mary Boyajian '17, Iris Liu '14, Sasha Zemsky '17, Connie Hsueh '15, Coach Scott Voltz MIDDLE ROW. Left to right: Monisha Dilip '14, Monica Enlow '15, Kalyn Chang '17, Kelsey Spaur '14, Emily Shih '15 BOTTOM ROW. Left to right: Shalini Majumdar '15, Alexandra Ilic '16

**1. REVERSE WHEEL.** The defender struggles against Soumya Kannan '16, who grabs her to make a weak side turn. **2. DOUBLE THREAT.** Kelsey Spaur '14 gets the ball up high and slides forward to get into a position to shoot.





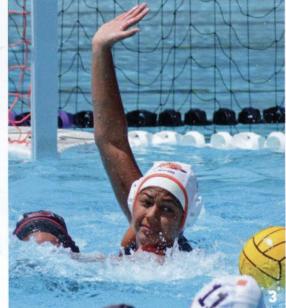
BY THE NUMBERS number of goals scored by Soumya Kannan, totaling

percent of the team's scoring for the season

new record for number of saves in a single game set by Connie Hsueh



**3. GOING FOR THE STEAL.** Shalini Majumdar '15 pushes the offender out of the way to steal the pass. **4. TIME-OUT.** Coach Beemer draws up a play while the team takes a quick water break during a timeout.





## SCHEDULE

vs Siena	L	1-12
vs Penn St. Behrend	L	5-6
vs VMI	L	1-15
vs Whittier	L	2-8
vs Wash & Jeff		L
vs Macalester	L	3-6
@ Chapman	L	2-13
vs CMS	L	0-13
@ La Verne	L	4-14
vs Cal Lu	L	3-14
@ Pomona Pitzer	L	1-14
@ Redlands	L	2-21

1-12	vs Occidental	Ι
5-6	vs La Verne	Ι
1-15	vs Chapman	Ι
2-8		
L	5-8	
3-6		
2-13		
0-13		
4-14		
3-14		
1 1/	CEA	C

		TOP P
L	2-16	Goals
L	3-15	Assist
L	2-11	Steals

### **TOP PERFORMERS**

Goals: Soumya Kannan (23) Assists: Shalini Majumdar (4) Steals: Shalini Majumdar (15) Exclusions Drawn: Soumya Kannan (18) Field Blocks: Soumya Kannan (3) Saves: Connie Hsueh (206)

## SEASON SEASON SCORESHEET STATISTICS



#### **TOP PERFORMERS**

Batting and Baserunning Batting Average: Daniel Chou (.336) Runs: Daniel Chou (22) Hits: Tim Menninger (37) RBIs: Ryan Casey (17) Stolen Bases: Daniel Chou (13) Pitching ERA: Derek Kearney (7.65) Strikeouts: Daniel Chou (22)

## SEASON STATISTICS

## BASEBALL



**THE TEAM.** Left to right: Coach Aaron Lynch , Oliver Curtiss '15, Alex Place '17, Harrison Jacobs '17, JD Feist '17, Tim Menninger '17, Albie Lavin '14, Schaeffer Reed '17, John Galden '17, Daniel Chou '16, Thomas Kwok '14, Ryan Casey '15, Ashay Gore '17, Coach Matthew Mark **NOT PICTURED:** Derek Kearney '15

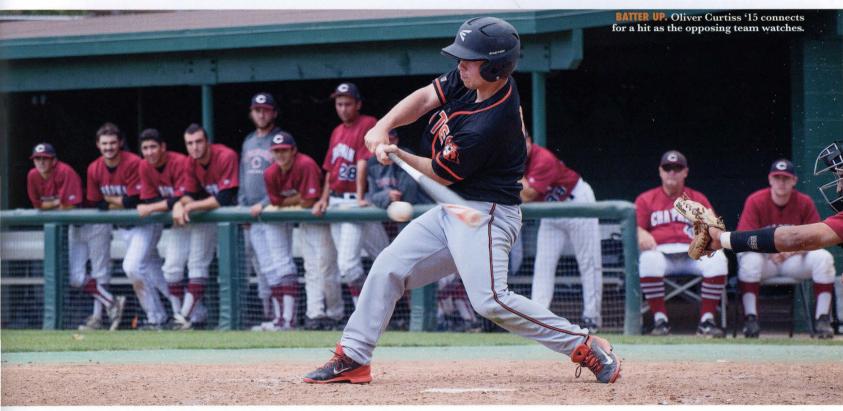
1. TAKING THE LEAD. Tim Menninger '17 takes a lead off first base as he waits for the pitch. 2. HEY, BATTER BATTER. Albie Lavin '14 winds up for a pitch. Lavin was second on the team, striking out 19 batters over the season. 3. TAKE ME OUT TO THE BALLGAME Oliver Curtiss '15, Daniel Chou '16, Harrison Jacobs '17, Alex Place '17 take a break from the game to share a laugh in the dugout.







SCHEDULE									
vs Pacifica	L	2-4	@ Occidental	L	3-13	@ Chapman	L	1-15	
vs Pacifica	Ľ	2- <del>4</del> 3-9	vs Drew	L	4-10	@ Chapman	L	3-15	
vs Facilica vs Whittier		3-9 2-14	vs Macalester	L	16-20	vs CMS	L	0-18	
<i>a</i> Whittier	L	3-14	vs Lawrence	L	8-9	@ CMS	L	3-12	
a Whittier	L	1-16	vs Lawrence	W	15-1	@ CMS	L	3-7	
a Redlands		1-10 2-15	vs Middlebury	L	2-17	vs Chapman	L	5-7	
vs Redlands		2-13 6-17	a Cal Lu	L	4-17	@ Occidental	L	1-11	
vs Redlands		0-17 1-13	vs Cal Lu	L	3-17	@ Cal Lu	L	0-16	
(a) La Verne		1-13 0-9	vs Cal Lu	L	0-13	vs La Verne	L	2-21	
vs La Verne		0-9 0-16	a Pomona Pitzer	L	3-14				
vs La Verne vs La Verne		0-10	vs Pomona Pitzer	L	1-12	CE	ASC	JNI	
vs La verne vs Occidenta		0-18	vs Pomona Pitzer	L	4-16	JE	AJU	<b>NIC</b>	
@ Occidental		2-3	vs Chapman	L	0-18	SCORE	SHI	EET	







**4. TEAM TIME.** Coach Matthew Mark brings the team together for a pre-game meeting before they take to the field. **5. MAKING A RUN FOR IT.** Daniel Chou '16 uses his speediness to dash to third base.

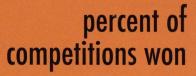


THE TEAM. Left to right: Jenny Sheng '17, Michelle Tang '14, Sophia Chen '17, Michelle Lee '17, Monica Li '16, Katie Antilla '17, Rebekah Kitto '14 NOT PICTURED. Valerie Pietrasz '16

# WOMEN'S TENNIS

## BY THE NUMBERS

total singles matches won this season



new school record for number of career singles wins set by Rebekah Kitto

GAME SET MATCH. Rebekah Kitto '14 swings for a backhand return. Kitto was named to the SCIAC All-Conference first team for the 4th year in a row, in addition to making her second straight appearance at the NCAA Championships.

1. YOU GOT SERVED. Jenny Sheng '17 waits for the ball to fall back down as she brings her racket back for a serve. Sheng led the team with 16 singles wins this season. 2. SMASH IT. Valerie Pietrasz '16 covers the back of the court in a doubles match. Pietrasz and partner Sophia Chen '17 tied with doubles team Rebekah Kitto '14 and Monica Li '16 for teams with the most number of doubles wins this season with 5.





### SCHEDULE

(a) Biola @ Chapman a CMS vs Vanguard vs Arizona Christian vs Linfield vs Principia vs Hardin Simmons vs Vassar vs Pacific Lutheran (a) Texas Lutheran (a) Texas-Dallas

W

L

L

W

W

L

W

W

L W

W

W

7-2	@ Pomona Pitzer	L	1-8
1-8	vs Occidental	W	9-0
1-8	@ Whittier	L	3-6
5-4	vs La Verne	L	1-8
5-4	vs Redlands	L	0-9
3-6	vs Cal Lu	W	7-2
7-2	vs Pomona Pitzer	L	0-5
9-0	vs Whittier	L	2-7
1-8	vs Cal Lu	W	6-3
9-0			
8-1	ςF	EASC	NC

#### **TOP PERFORMERS**

Singles Wins: Jenny Sheng (16) Doubles Wins: Monica Li (12)

## SEASON STATISTICS

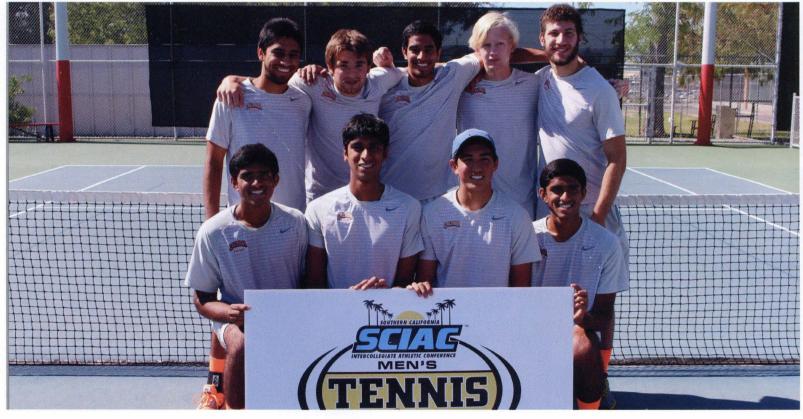
## BY THE NUMBERS

new record for number of singles wins in a single season set by Morgan Lebby



new record for number of career doubles wins set by Devashish Joshi and Luka Mernik

## MEN'S TENNIS



THE TEAM. TOP ROW. Left to right: Rushikesh Joshi '16, Luka Mernik '14, Devashish Joshi '14, Alex Henny '16, Leo Zornberg '16 BOTTOM ROW. Left to right: Ruthwick Pathireddy '17, Abhijit Puranam '17, Morgan Lebby '17, Sathwick Pathireddy '17

### SCHEDULE

JUILDOLL	
@ Biola	L
vs Occidental	W
vs CMS	L
vs Arizona Christian	W
vs Linfield	W
vs George Fox	L
vs Hardin Simmons	W
vs Rensselaer	L
vs Amherst	L
vs Pacific Lutheran	W
vs Pomona Pitzer	L
@ Occidental	L

4-5	vs Whittier
6-3	@ Redlands
0-9	@ Cal Lu
6-3	vs Chapman
9-0	vs CMS
4-5	vs Redlands
6-3	vs Occidental
3-6	
0.0	

8-1

2-7 3-6 1-8 1-8 0-9 2-7 1-5 2-7 7-2

L

L

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W

### **TOP PERFORMERS**

Singles Wins: Morgan Lebby (12) Doubles Wins: Rushikesh Joshi/ Morgan Lebby (9)

## SEASON SEASON SCORESHEET STATISTICS







**1. HARD-HITTING.** Devashish Joshi '14 hits a powerful forehand across the net. Joshi and fellow senior Luka Mernik '14 surpassed the school record for career doubles wins with 14 over their four years as doubles partners in Beavers uniforms. **2. SERVE IT UP.** Morgan Lebby '17 watches the ball come down as he prepares to serve. Lebby broke an 11-year-old school record with 12 singles wins in a season for the Beavers this season.

## BY THE NUMBERS

number of all-conference Caltech atheletes

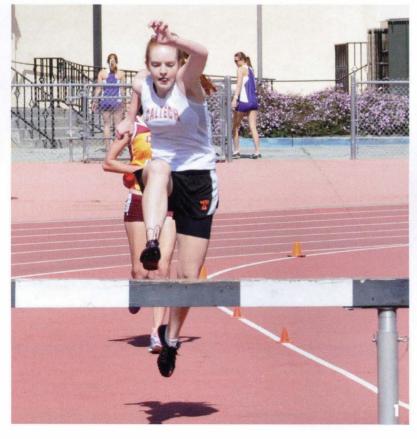
number of Beavers entering into the top 10 finishers in school history in their events

#### TOP PERFORMERS: MEN

100m: Victor Duan (11.80) 200m: Victor Duan (24.04) 400m: Kevin Yei (54.58) 800m: Eric Martin (1:53.71) Shot Put: Morgan Hill (30'6.5") 1500m: Eric Martin (3:59.22) 5000m: Aditya Bhagavathi (15:44.50) 10000m: Michael Ignatowich (33:46.17) 110H: Matthew Voss (16.55) 400H: Anand Poozhikunnel (1:00.48) 3000 Steeple: Michael Ignatowich (9:54.31) High Jump: Anup Kishore (4'9.75") Pole Vault: William Hoza (12'6'') Long Jump: Anand Poozhikunnel(18'9.75")

Triple Jump: Anup Kishore (40'5.5' Hammer: Morgan Hill (121'3") Javelin: Ben Grabowski (150'9'')

# **TRACK & FIELD**





1. RAISING THE BAR. Juliette Becker '14 clears a hurdle while staying ahead of her opponents. Becker was the fastest Beaver this season with a time of and a water pit. 2. SPEED DEMON. Stephanie Reynolds '15 dashes past her competitors. Reynolds recorded the fastest times on the Caltech women's team this season in the 800 m (2:27.58), 1500 m (4:58.81) and 5000 m (20:30.05) races.

**THE TEAM.** Ben Grabowski '15, Anup Kishore '16, Matthew Voss '14, William Livingston '14, Jared Forte '15, Juan Adame '15, Michael Ignatowich GR, Fabian Boemer '17, William Hoza '16, Michael Zhang '14, Eric Martin '15, Kevin Yei '16, Jordan Bonilla '17, Victor Duan '15, Aditya Bhagavathi '16, Lilly Luo '17, Emily Mazo '17, Gauri Shastri '17, Juliette Becker '14, Coach Michael Stevenson, Coach Scott Jung, Paige Logan '14, Bridget Connor '15, Lucy Chen '17, Trisha Guchait '14, Stephanie Reynolds '15, Morgan Hill '16, Shubhankar Jain '17, Mark Lorden '16, Anand Poozhikunnel '17, Alice Michel '16, Marlyn Moore '14

### TOP PERFORMERS: WOMEN

100m: Lucy Chen (14.80) 800m: Stephanie Reynolds (2:27.58) 1500m: Stephanie Reynolds (4:58.81) 5000m: Stephanie Reynolds (20:30.05) 3000 Steeple: Juliette Becker (13:08.22) Pole Vault: Bridget Connor (9'0.5'') Long Jump: Lucy Chen (13'7.5'') Triple Jump: Lucy Chen (29'0.5'') Hammer: Paige Logan (1145'3'') Javelin: Bridget Connor (110'8'') Shot Put: Paige Logan (41'5'') Discus: Paige Logan (115'5'') Statistical definition of the statistical

TIGEAS

CALTECH

### SCHEDULE

Caltech All-Comers Meet Pomona-Pitzer All-Comers Meet 18th Rossi Relays @ Pomona Pitzer with Redlands, Chapman & Whittier Occidental Distance Classic Ben Brown Invitational Pasadena Games @ PCC @ Occidental with Pomona Pitzer, CMS & Chapman Cal/Nevada Championships @ UCSD Pomona Pitzer Invitational

G ATHLET

vs Cal Lu, La Verne & Pomona Pitzer SCIAC Championships Occidental Invitational Redlands Last Chance Meet

## SEASON SCORESHEET

YOU WANNA BE ON TOP? Paige Logan '14 towers above her competitors standing on the highest podium block. Logan won the shotput event at the SCIAC Championships with a season-best throw of 41'5", becoming the first Caltech female student-athelete to win an individual track and field title in 17 years. In addition, Logan finished third in the hammer throw, earning an all-conference spot.



**3. READY SET GO.** Anand Poozhikunnel '17 reacts to the starting gunshot, jumping off for a speedy start. **4. PASS IT ON.** Eric Martin '15 clutches the baton, sprinting a relay leg for the Beavers. Martin earned all-conference honors in the 800 m race at the SCIAC Championships with the second-fastest time in school history.













DATA IS THE NEW BACON















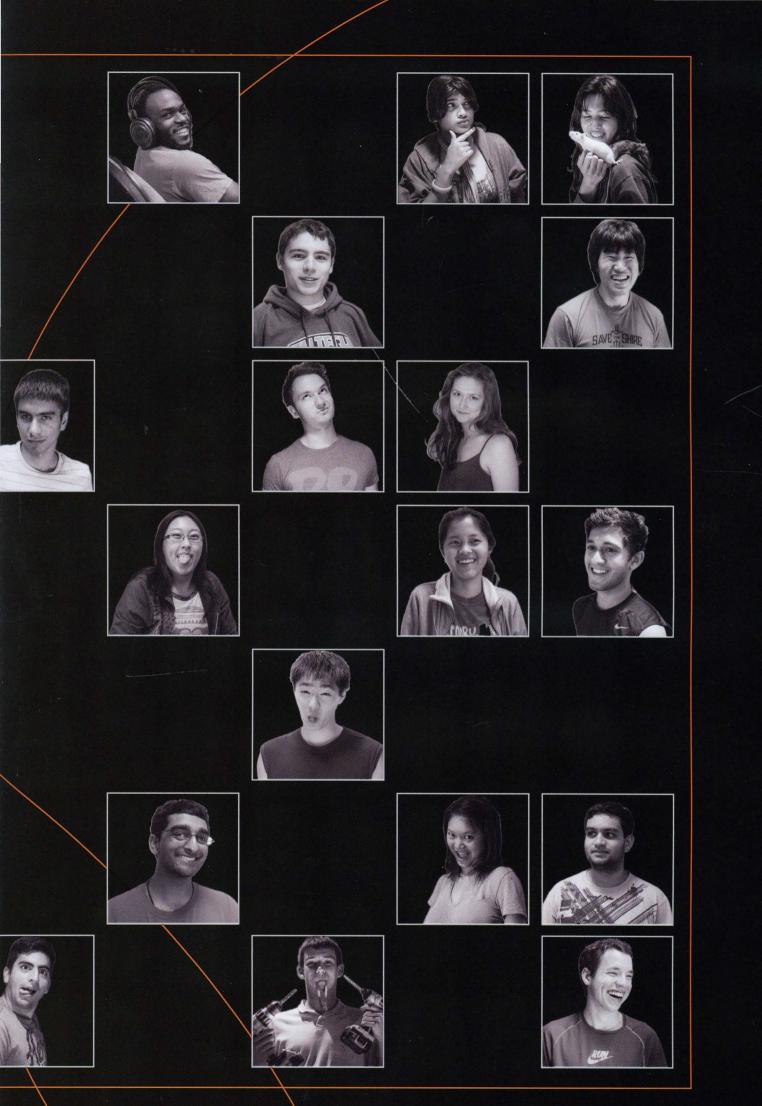
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Jacob Abrahams Kushal Agarwal Pallavi Aggarwal Yury Aglyamov Jagriti Agrawal Roshan Agrawal Saaket Agrawal Elliot Ahn

Nasser Al-Rayes Cole Allen Jeffrey An Ritwik Anand Alexander Anferov Katie Antilla Diana Ardelean Manasa Ashok

Rahul Bachal Bolton Bailey Benjamin Bartlett Rohan Batra Michael Bauer Marcus Bintz Aritra Biswas Fabian Boemer

Jordan Bonilla Mary Boyajian Christopher Bradley Alec Brenner Nicholas Buoniconti Slava Butkovich Chuxiao Cao Chien Yi Chang

> Kai-Tang Chang Kalyn Chang Caitlin Chen Ching-Hwa Chen Kevin Chen Lily Chen Lucy Chen

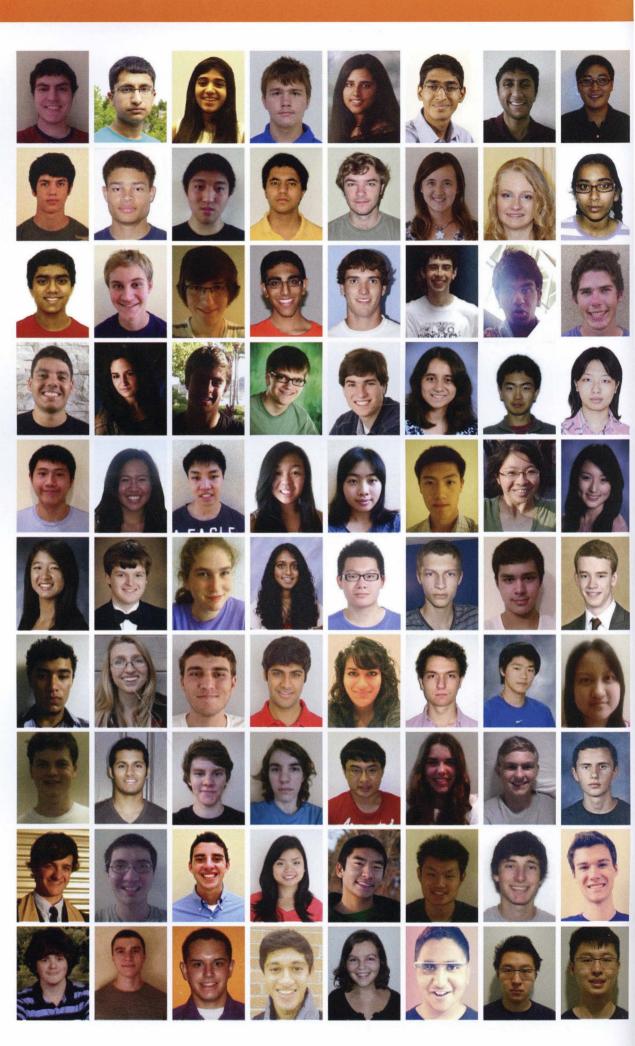
Sophia Chen Andrew Chico Kathleen Chinetti Archana Chintalacharuvu Nelson Chou Adam Collins Paulo Costa Connor Crowley

> Marco Cruz Heredia Bailey Da Costa Ryan Dempsey Nishant Desai Sanjana Dewan Bogdan Dimitriu Leon Ding Mary Do

Christopher Dosen Avishek Dutta Matthew Edwards Henry Elbaum Benzi Estipona Katherine Evans John Feist Michael Feldman

Luke Frankiw John Galden Patrick Galliani Amanda Gao Kevin Gao Albert Ge Alex Geffner-Mihlsten Jaden Geller

Christopher Gheorghiu Evren Gokcen Carlos Gonzalez Ashay Gore Mara Green Kshitij Grover Daniel Gu Jeffrey Gu





## What surprised you the most about Caltech?

The thing that surprised me the most about Caltech was how easy it was to become extremely close with fellow students and to develop really strong friendships.



SARTHAK SAHU

Yi Gui Songshan Guo Nicholas Haliday Sirus Han Victor Han Jacob Harmon Jianing He Vivian He

Tara Henry Stephanie Hong Patrick Hsu Richard Hu Audrey Huang Xiangyi Huang Daniil Ilyin David Inglis

Erin Isaza Vasant Iyer Harrison Jacobs Shubhankar Jain Tiantian Jiao Matthew Jin Jonathan Joo Zofii Kaczmarek

Juliana Kew Hyun Min Kim Jaebin Kim Seohyun Kim Nand Kishore Milica Kolundzija Joel Kosmatka Ross Koval

Harrison Krowas Aaron Krupp Ankit Kumar Netgie Laguerre Luke Lango Jake Larson Vlad Florin Lazar Minh Nhat Le

## KALYN CHANG



What surprised you the most about Caltech?

I was pleasantly surprised by how social and fun people at Caltech are. I love hanging out in different houses and getting to know people. What is your favorite CDS food item?

My favorite CDS food item is the spicy tuna on rice!

#### What surprised you the most about Caltech? I was surprised most by how much diversity can exist amongst merely 1000

students. How hard did you pass-fail? Pass-Fail? I didn't know we had that. I always thought it was Pass-Pass. So, pretty hard.



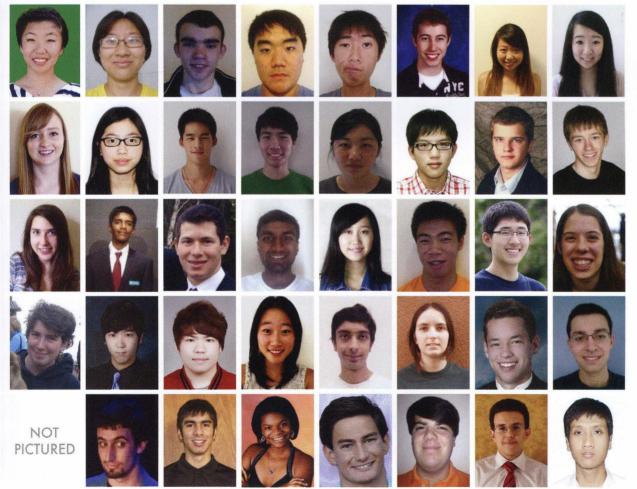
LUKE LANGO

### PARUL PUBBI



What surprised you the most about Caltech? How kind everyone is! I knew about the house system, but I didn't realize upperclassmen would be so welcoming! What is your favorite CDS food item?

Midnight madness crepes made by Professor Blake definitely count as CDS food, right?





David Lebaron Morgan Lebby Connor Lee Ga Yeong Lee Lawrence Lee Yoon Lee Justin Leong Kate Lewis

Jessica Li John Li Lauren Li Halston Lim Matthew Lim Soon Wei Daniel Lim Chih Wen Lin Christina Lin

Sierra Lincoln Albert Liu Eric Liu Kimberly Liu Yuxi Liu Peter Lommen Andrew Lucas Michaelangelo Lucas

> Alison Lui Daniil Lukin David Luo Lilly Luo Shaoxiong Luo Chung-Hyun Ma David MacE Sumana Mahata

Chanukya Malla Nailen Matschke Emily Mazo Daniel McAndrew Sean McKenna Emily Meany Keegan Mendonca Timothy Menninger

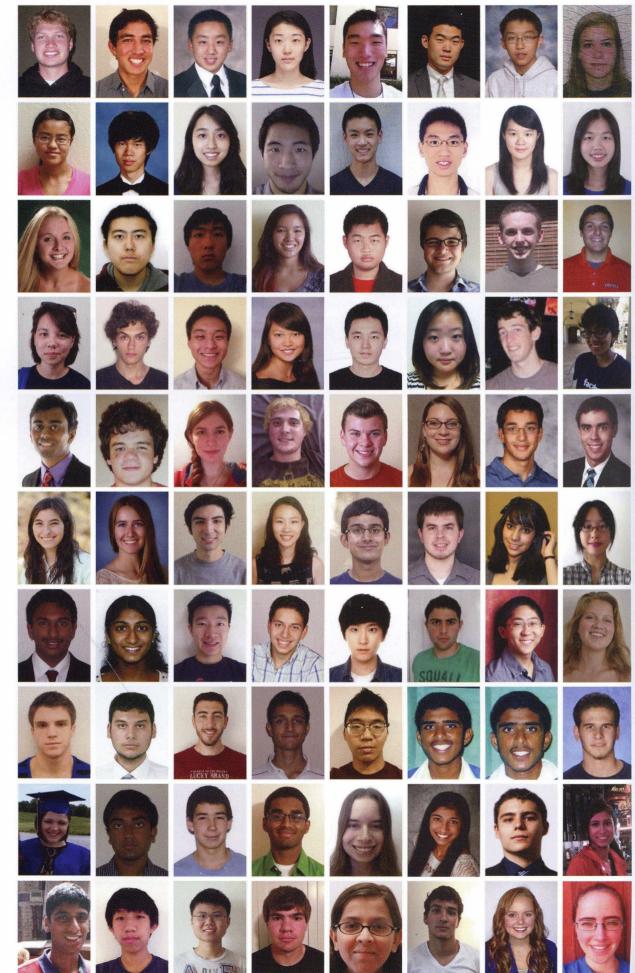
Christina Meyer Talia Minear Andrew Montequin Stephanie Moon Siddharth Murching Colin Murphy Sheila Murthy Xinyi Nan

Anirudh Neti Suchita Nety Willis Nguy Chinmay Nirkhe Won Jun Noh Pedro Ojeda Tyler Okamoto Suzannah Osekowsky

Quinn Osha Berk Ozdalyan Torkom Pailevanian Jay Palekar Vincent Park Ramruthwick Pathireddy Ramsathwick Pathireddy David Pena

Allison Penn Rishabh Pipada Alexander Place Anand-Markose Poozhikunnel Juliane Preimesberger Anjali Premkumar Federico Presutti Parul Pubbi

> Abhijitkrishna Puranam Eric Qiao David Qu Andre Ramos Bianca Ray Avalani Jared Reed Gerri Roberts Constance Robinson





Joseph Roddy Roel Rodriguez Jeffrey Rosenberg Alexander Ryan Sarthak Sahu Yuka Sakazaki Robert Sanchez Kyle Seipp

Parth Shah Gauri Shastri Jiemin Sheng Jingwei Shi Ji-Soo Shin Dayeon Shon Emma Shupper Darius Simmons

Nikita Sirohi Evan Sloan Mojolaoluwa Sonola Jacob Stark Johnathan Stauffer Hyung Ju Suh Surya Sundararajan Alp Sunol

Henry Swanson Lee Tang Amal Tariq Nicholas Tillotson Tomas Tussie Victor Venturi Cameron Voloshin Mugdha Walke

Margaret Walter Charles Wang Michelle Wang Shannon Wang Shen Ting Wang Laura Watson Lindsey Whitesides

Jong Seok Won Michelle Wong Jiyun Xiao Xi Xu Ker Lee Yap Kexin Yi Chenchao You Ellen Yu

Kristie Yu Lidan Yu Yizhen Yu Yi Yuan Dominic Yurk Sasha Zemsky Frank Zhou Yanbing Zhu

By he NUMBERS

## students named David

students that share a birthday with another frosh

## 10% from the Midwest



Amir Abdolrahim Poorheravi David Addis Aman Agarwal Sandia Akhtar Monique Alkiewicz Chongxuan An Kristin Anderson Robert Anderson

> Alexander Anemogiannis Sreenivas Appasani Elaine Arbaugh Thomas Arnold Sarah Keiko Asano Nima Badizadegan Adam Ball Elizabeth Beaver

> > Lisa Beckmann Joseph Berleant Aditya Bhagavathi Laksh Bhasin Moriah Bischann James Blackwood Dryden Bouamalay Sarah Brandsen

Emory Brown Christopher Cannella Nancy Cao Grant Carlson Kurtis Carsch Matthew Cedeno Ryan Chacon Arun Chandra

> Melissa Chang Ann Chen Anthony Chen Courtney Chen Oliver Chen Aileen Cheng David Cheng Evelyn Chin

Christine Chou Daniel Chou Anne Christian Daniel Chui John Clark John Co-Reyes Andre Comella Ming Cong

Matthew Conroy Christopher Couste Melissa Cronin Peter Cuy Shival Dasu Anne Davis Evan Davis Natalie Defries

Joshua Dement Paul Dieterle Kayane Dingilian Sean Dolan Sith Domrongkitchaiporn Esther Du Rebecca Du Xiaomi Du

Patric Eck Kristin Eliason Kelechukwu Emezie - Clarke Esmerian Jonathan Eweis-Labolle Basith Fahumy Wentao Fan Tianhao Fang

> Zachary Fein Aaron Feldman Jerry Feng Gabriel Foster Edward Fouad Constance Fu Galen Gao Edward Garza



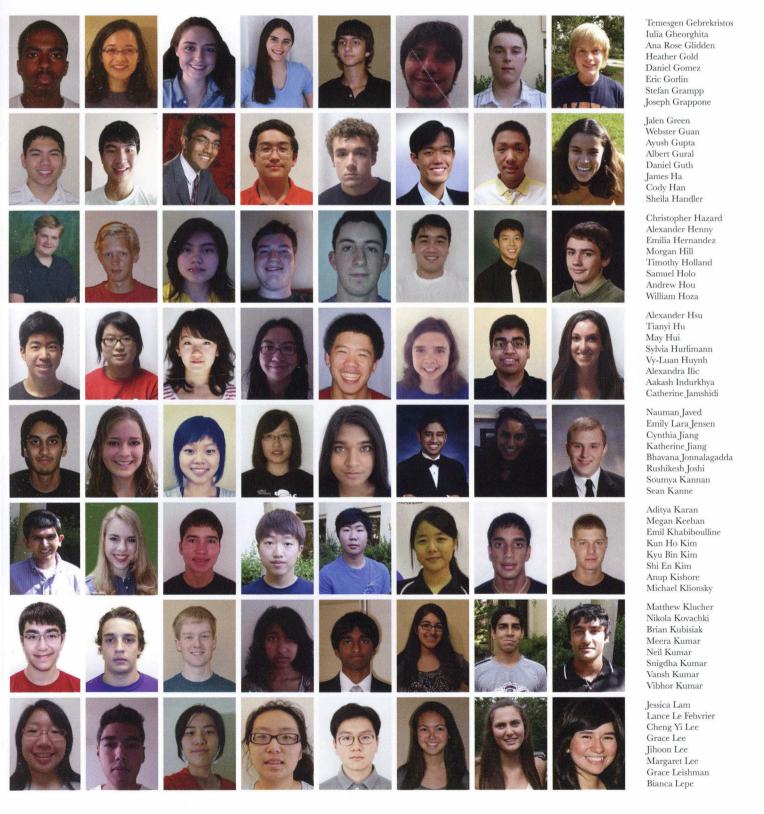
## 2016

**BIANCA LEPE** 



#### How has sophomore year impacted you?

Having a class under me to introduce to the eccentric and sometimes stressful place that is Caltech has spurred me to take on more of a leadership role, both in my house and in the greater Caltech community. This has taught me to shoulder responsibility I previously did not believe I was capable of handling. I am hugely grateful to be at a small school like Tech, because it provides me the opportunity to take part in student government.



CLASS OF 2016 137



Alex Lew Jiaxin Li Joanne Li Kevin Li Monica Li Dennis Liao David Lichko

Binjih Lin Bryant Lin Xintong Lin Amarise Little Jiabin Liu Tianxiang Liu Catharine Lo Sheila Lo

Mark Lorden Anthony Lutz Harinee Maiyuran Chaitanya Malladi Ajay Mandlekar Aashrita Mangu Lasya Marla Timothy Maxwell

Ishan Mehta Sean Mendoza Calli Meyer Alice Michel Walker Mills Ritvik Mishra Madhav Mohandas Mathew Morgan

Alexander Mun August Nanz John Naruk Santiago Navonne Katherine Nguyen Tian Nie Patrick Nikong Ariel O'Neill

Meghana Pagadala Juan Diego Palomino Grace Park Hong Joon Park Catherine Pavlov Sarah Pearce Thomas Peterson Alexander Pien

Valerie Pietrasz Riley Pinkerton Nikhita Poole Patrick Rall Meera Reghunathan William Reichard William Rieger Ryan Ripper

> Andrew Romine Tatiana Roy Keegan Ryan Alec Sands Ellora Sarkar Samuel Savitz Nicholas Schiefer Graham Schmidt

Dylan Schultz Daniel Seabra De Andrade Neera Shah Nehaly Shah Elly Shao Samriddhi Sharma Laura Shou Kirby Sikes

> Elliot Simon Anusha Sinha Karthik Siva Valentin Skoutnev Matthew Smalley Jun Ho Son Elijah Sorey Tara Sowrirajan



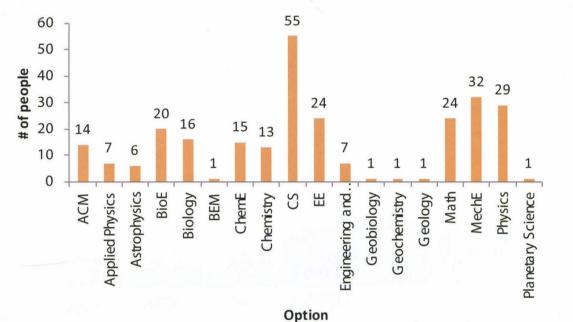




Taylor Strumwasser Ye Su Yubo Su Omer Subasi Cynthia Sung Naveen Tadepalli Kevin Tang Rebecca Tang

Rachel Thorp Torin Thosath Christine Tseng Jean- Alexandre Turban Hannah Walsh Daniel Wang Jack Wang Jingwen Wang

## By NUMBERS



Sharon Wang Siyuan Wang David Warrick Michael Wheeler Jalani Williams Stephanie Wong Yuanyuan Xu Albert Yang

Cassidy Yang Sharon Yang Kevin Yei Patrick Yu Shengyang Yu Kevin Yuh Anthony Zhang Jerry Zhang

Andrew Zhao Taokun Zheng Tiffany Zhou Nicholas Zolman Leonardo Zornberg



Juan Adame Belen Alvarez-Villalonga Keshav Amla Da An Luc Angel Phoebe Ann Arun Asundi Sharjeel Aziz

> Karsyn Bailey Alexander Ball Sophianna Banholzer William Bao Alexander Barreiro Richard Barz Ryan Batterman Jonathan Bayless

> > Aleksander Bello Timothy Bennett James Bern Kerry Betz Srinivasa Bhattaru Charles Blakemore Sven Boemer Ronnel Boettcher

Sidney Buchbinder William Bunting Jennifer Caseres Ryan Casey Doreen Chan Tracey Chan Krishnan Chander Solomon Chang

Brad Chattergoon Jianchi Chen Kevin Chen Moya Chen Wen Min Chen Lin Cheng Yintong Cheng Kaitlin Ching

Linda Chio Joseph Choi John Christian Meng Shuen Chua Alexandru Cioc Benjamin Clark Matthew Clark Bridget Connor

Timothy Cui Christopher Culpepper Oliver Curiss Lorinda Dajose Poonim Daya Maxwell De Jong Daniel Defelippis Hannah Dotson

> Demetris Drakos Victor Duan Emily Ellsworth Irina Ene Monica Enlow Naoki Eto Erin Evans Helen Evans

Martin Fabbri Boyu Fan Ingrid Fiedler Katherine Fisher Cedric Flamant David Flicker Jared Forte Neelay Fruitwala

Joaquin Gabaldon Ian Garcia Katharyn Garcia Christopher Gardner Rachel Gates Udaya Ghai Harry Golash Emmett Goodman



### RATNALEKHA VISWANADHAM



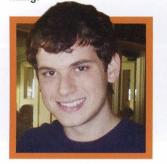
What is your favorite spot on

and floor-to-ceiling windows make it a great place to have a cup of coffee, work on my laptop, and enjoy the view of Avery.

What was your favorite class outside of your major so far? Music history.

What is your favorite spot on campus? Definitely the turtle pond. It's so peaceful! What was your favorite class outside of your major so far? E102

If you could rename Caltech, what would you name it? Hogwarts? I'm not sure; I think the name is pretty fitting!



ERIC PELZ

### **REBECCA HU**



What is your favorite spot on campus? Millikan Bridge What was your favorite class outside of your major so far? CS1 If you could rename Caltech, what would you name it? I wouldn't rename it.

Caltech fits well enough



What is your favorite spot on campus?

Gene pool at night What was your favorite class outside of your major so far? History of Jazz taught by Tom Neenan

If you could rename Caltech, what would you name it? Derek Zoolander Center for Kids who Can't Read Good and Want to Do Other Stuff Good Too



POONIM DAYA

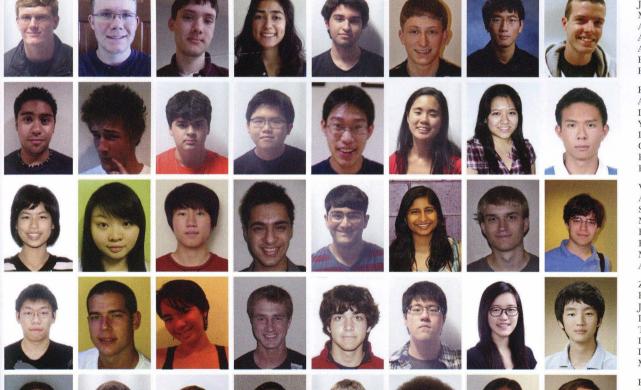
Benjamin Grabowski Joseph Greef Mark Greenfield Arpi Grigorian Ali Harb Alexander Hartz Bryan He Peter Henry

Richie Hernandez Andrew Hogue Dhiraj Holden Young Hong Daniel Hsu Connie Hsueh Rebecca Hu Edward Huang

Vivian Huang Alina Hwang Seong Bin Im Muneeb Imtiaz Ryeen Islam Ruchi Jahagirdar Michael Jenson Adam Jermyn

Zhaorong Jin Bryan Joel Jennifer Karolewski Derek Kearney Thomas Keller Dae Hyun Kim Do Hee Kim Minsoo Kim





campus? Third floor lounge of Annenberg. The round sofas



Matthew Lappin Elizabeth Lawler Barclay Lee Jong Yeon Lee Katherine Lee Michelle Lee Eileen Li Fanfei Li

> Andrew Liang Wilton Liano Haebin Lim Chloe Ling Anna Liu Cong Liu Hui Liu Jonathan Liu

Margaux Lopez Archan Luhar Shalini Majumdar Allison Maker Galina Malakhova Michael Malek Janani Mandayam Comar Jake Marcinek

Eric Martin Jacqueline Masehi-Lano Jacqueline Maslyn Austin Mayron Kayla McCue Harrison Miller Ismael Mireles Suraj Mirpuri

> Chiraag Nataraj Loc Nguyen Lauren Niu Louis O'Bryan Juan Ocampo Abraham Ortega Jeong Joon Park Nicholas Parker

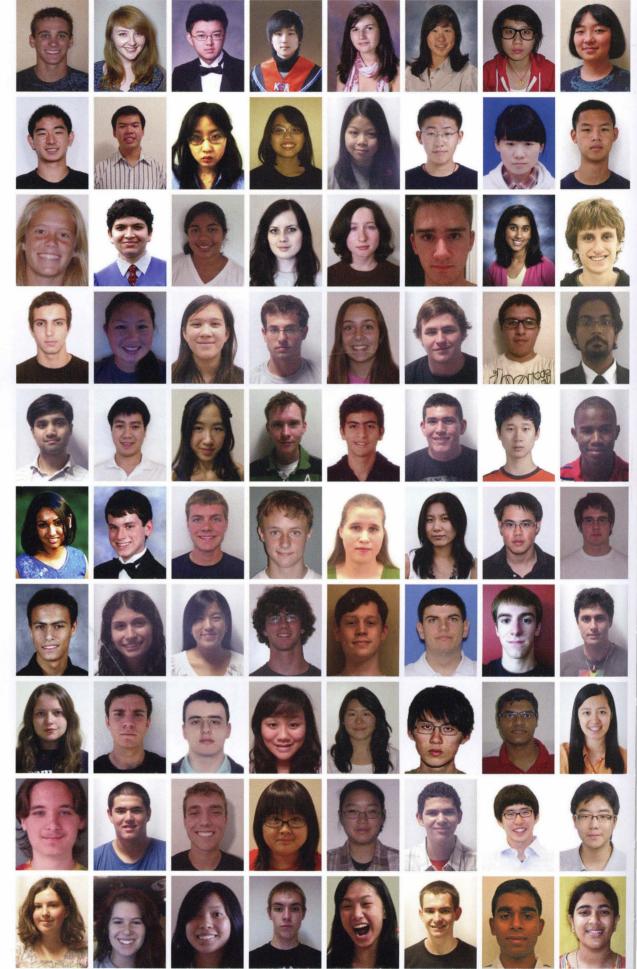
Aleena Patel Eric Pelz Jeffrey Picard Alexander Port Ellen Price Shuyang Qin Brynan Qiu Matthew Queen

Matthias Raives Stephanie Reynolds Kexin Rong Connor Rosen Xander Rudelis Samuel Rush Nicholas Salzetta Alejandro Sanchez Chavarria

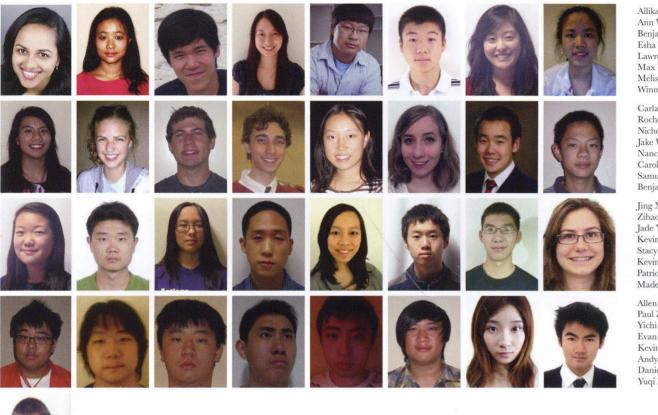
Elizabeth Schroder Marec Serlin Ariel Setton Emily Shih Natalie Shih Corwin Shiu Haran Kumar Shiv Kumar Kiara Camille Simpao

> Timothy Sinclair Jerome Skelly Samuel Szuflita Stephanie Tan Grace Tang Nicolas Tedeschi Michael Teng Darius Teo

Elizabeth Terlinden Leslie Timms Lillian Tong Christopher Tonge Huey-Ru Tsai Charles Tschirhart Rithwik Vedati Ratnalekha Viswanadham







Allika Walvekar Ann Wang Benjamin Wang Esha Wang Lawrence Wang Max Wang Melissa Wang Winnie Wang

Carla Watson Rochelle Weber Nicholas Weil Jake Wellens Nancy Wen Caroline Werlang Samuel Wie Benjamin Wu

Jing Xu Zihao Yan Jade Yang Kevin Yang Stacy Yeh Kevin Yin Patrick Yiu Madeleine Youngs

Allen Yu Paul Zhang Yichi Zhang Evan Zhao Kevin Zhao Andy Zhou Danielle Zhu Yuqi Zhu

Linus Ziemba

## By NUMBERS

156 number of males	5 are from India
16 are from	90 are
Texas	athletes
16 are from	<b>229</b> are in the
China	Class of 2015



Deeksha Agrawal Curie Ahn Cameron Allen Eli Alster Anthony Alvarez-Gerritsen Sadaf Amouzegar Manuel Arene Patricio Arrangoiz

> Sidhi Assawaworrarit Susan Ballentine Aniruddha Bapat Andrew Bardett Nathaniel Baskin Juliette Becker Eric Bobrow Liana Braun

Julia Brown Alexandra Brunson Pallavi Bugga Iryna Butsky Sevan Chanakian Arjun Chandrasekhar James Chang Chih-Ping Chen

> Pinting Chen Christine Cheng Puikei Cheng Connor Coley Brandon Comella Cutter Coryell Benjamin Cosman Joshua Dale

Radmila Dancikova Erika Debenedictis Connor Defanti Rachel Deghuee Neal Desai Marino Di Franco Michael Dieterle Monisha Dilip

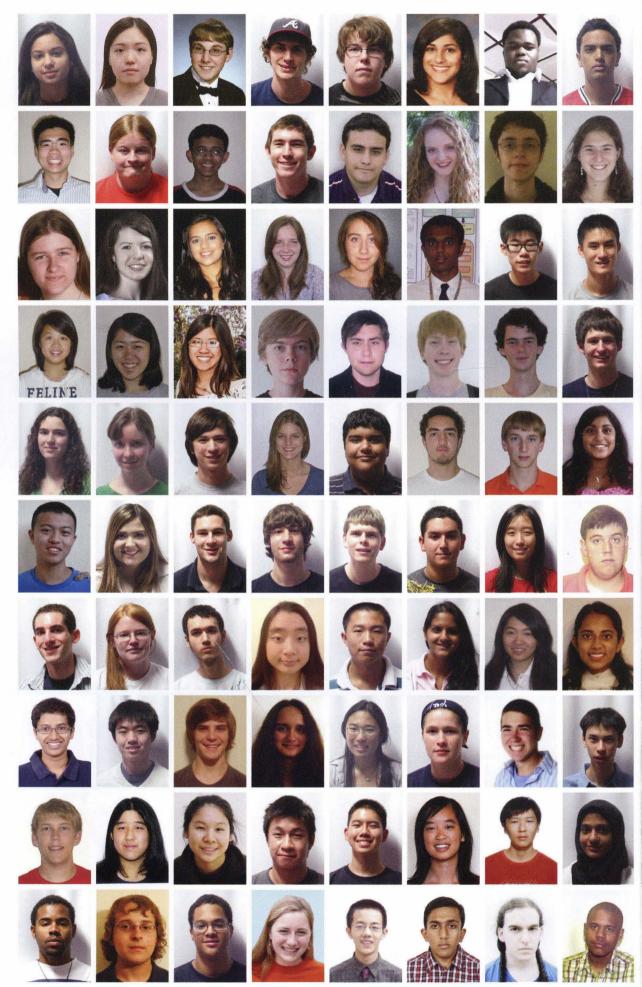
David Ding Sabrina Dodgin William Dooris Matthew Dughi Amber Emmons Christopher Estrada Sandra Fang Laurence Forshaw

> Joshua Fromm Lauren Gilbert Samuel Goldberg Angela Gong Li Gu Trisha Guchait Ashley Guo Garima Gupta

Karan Gupta Jeff Han Wade Hann-Caruthers Hima Hassenruck-Gudipati Monica He Rachel Hess Max Hirschhorn Michael Hirshleifer

> Maxwell Horton Sophia Hsien Jessica Hsu Victor Hsu Benjamin Hu Tiffany Huang Ka Kin Kenneth Hung Madiha Hussain

> > Jonathan Ikpeazu Gregory Izatt Lawrence Jenkins Julia Jester Siduo Jiang Muhammad Jilani Robert Johnson Brock Jones





#### What was your favorite

memory from senior year? Probably a tie between seeing all our hard work for Ditch Day come through and hanging out with my water polo teammates. What are your plans after

graduation? I will be going to UCSD School of Medicine.



#### MONISHA DILIP

Alex Jose Devashish Joshi Raj Katti Sean Keenan Sohini Khan Ishan Khetarpal Justin Khim Chung Eun Kim

Isaac Kim Soo Eun Kim Jocelyn Kishi Rebekah Kitto Kathryn Knister William Ko Chan-Hee Koh Christophe Kunesh

Shari Kuroyama Thomas Kwok Sung Min Kwon Stephanie Laga Dennis Lam Valere Lambert Michael Lauria Albert Lavin

Jetson Leder-Luis Christina Lee Hyunseok Lee Lisa Lee Tae Je Lee Theresa Lee James Leet Erica Leung

Jingyuan Li Suna Li Benjamin Lieber Daisy Lin Randall Lin Yuchen Lin Audrey Liu

What was your favorite memory from senior year? Watching Ditch Day play out after months of planning and countless hours of work. What are your plans after graduation? I'm in the Biochemistry and

Biophysics PhD program at UNC Chapel Hill.



**PISZKIEWICZ** 

SAMANTHA

JEFF SHERMAN



What was your favorite memory from senior year? Getting detained by the LAPD and Bomb Squad during my stack What will you miss about Caltech?

The people, the camaraderie, and generally the atmosphere of curiosity and creativity.



What was your favorite memory from senior year? Definitely flying with an experiment aboard NASA's microgravity plane! What will you miss about Caltech? Good weather and the perks of a small school.





Iris Liu William Livingston Ashley Lo Yiu Wah Daniel Lo Paige Logan James Lu Genesis Lung Katja Luxem

James MacDonald Edgar Martinez Mateo Martinez Sei Masuoka Ella Mathews Grant Maxson Luka Mernik Omar Mezenner

Alfred Mikula Neeli Mishra Abel Misrak Nebojsa Moncilovic Marlyn Moore Robert Morgan Eric Mukherjee Nandini Mukherjee

John Napp Pushpa Neppala Kanenori Okamoto Brian Okoro Bertrand Ottino-Loffler Bryance Oyang Michael Paluchniak Ketaki Panse

Jungsoo Park Nina Park Evan Patterson John Pharo Jacquelyn Phillips Daniel Pipe-Mazo Samantha Piszkiewicz Ralph Pursifull

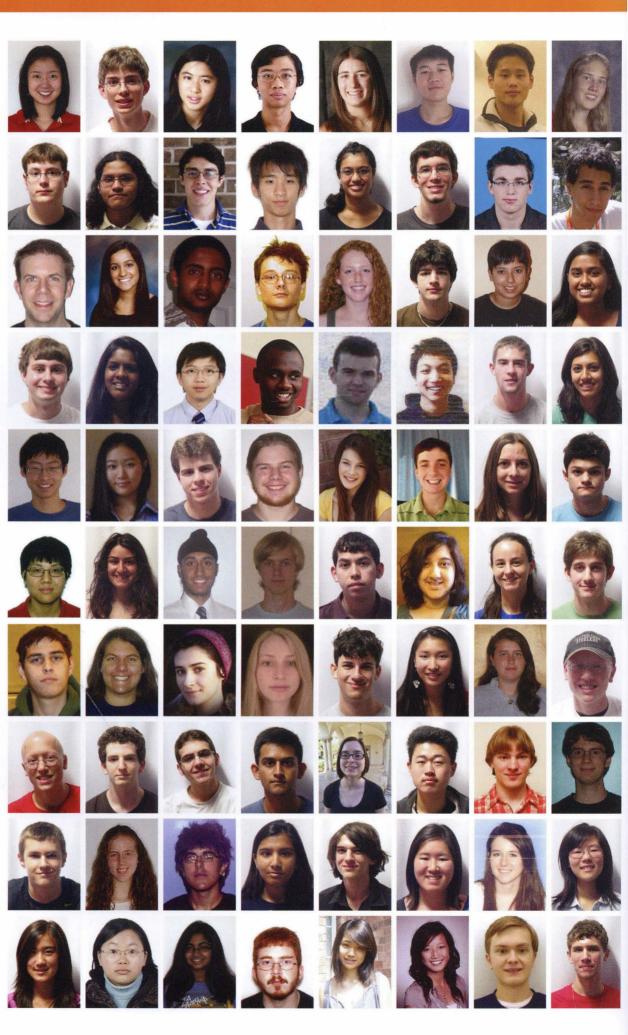
> Mike Qian Misha Raffiee Angad Rekhi Paul Reshetikhin Jonathan Reyes Stephanie Reyes Andrea Ritch Zachary Rivkin

Brandon Robinson Anna Ross Iva Rreza Elizabeth Ryan Jesse Salomon Laura Santoso Brooklyn Schlamp Jonathan Schor

Stanford Schor David Sell Mehmet Sencan Bhargav Setlur Amanda Shelton Jeff Shen Jacob Shenker Jeffrey Sherman

Rory Shevin Miceala Shocklee Carlos Sierra Prastuti Singh Russell Smith Seorim Song Kelsey Spaur Julia Su

Christine Sun Qunchao Sun Kalpana Suraesh Benjamin Suslick Alison Tan Michelle Tang Brent Terry-Penak David Tolnay







Joseph Torres Gautam Upadhya Athary Vaish Christopher Varnerin David Vartanyan Malvika Verma Eugene Vinitsky Matthew Voss

Eric Wang Kening Wang Yizhen Wang Yuchen Wang Benjamin Waxer Michael Williamson Alexander Wilson Connor Wilson

Chatarin Wong-U-Railertkun Nicholas Woodward Anjian Wu Nancy Wu Timothy Wu Ted Xiao Alice Xu Cheng Xu

Conway Xu Perren Yang Jessica Yeung Joon Young Yoon Yanwen You Michael Young Caroline Yu Jessica Yu

Michael Yurko Gjergji Zaimi Klavdia Zemlianova Daniel Zhang Melissa Zhang Michael Zhang Yuqian Zheng

Yu Zhou Julia Ziac Tianyang Zou

# **BY NUMBERS** proportion of temale students 40% 9% are international students A student stplace in the are from the West Coast 3 Intel Science Talent Search

## Congratulations Class of 2014!

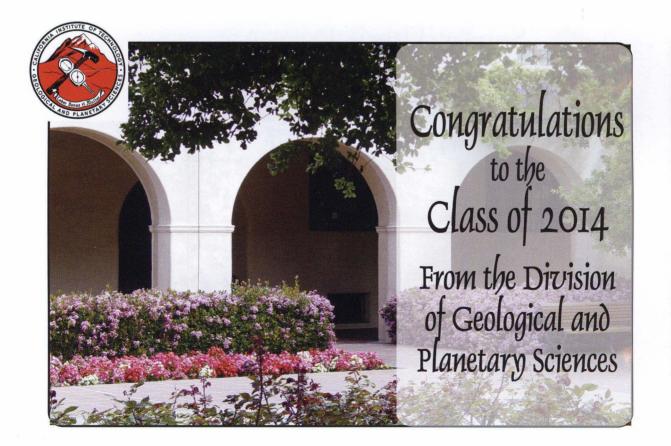


### From your friends in the Housing Office!

### Congratulations Class of 2014!

Curie Ahn Julia Alexandra Brown Chih-Ping Chen Pinting Chen Neal Bakul Desai Michael Gerald Dieterle Monisha Dilip Sophia Hsien Devashish Sanjeev Joshi Sohini Khan Tae Je Lee Suna Li Audrey Liu Neeli Mishra Marlyn Joanna Moore Pushpa Neppala Ketaki Milind Panse Nina Park Jacquelyn Lee Phillips Ralph Edward Pursifull Elizabeth Hart Ryan Laura Frances Santoso Jonathan Samuel Schor Stanford Jeremy Schor Amanda Nicole Shelton Miceala Marie Shocklee Kelsey Marie Spaur Julia Yijia Su Alison Tan Michelle Tang Malvika Verma Kening Wang Ted Guoning Xiao Conway Xu Zihao Yan Caroline Yishu Yu

From the Division of Biology and Bioengineering





### Congratulate the Class of 2014

# &

### Friends of Caltech Libraries Senior Thesis Prize Awardees

# Stephanie M. Laga



Eric S. Mukherjee

### Division of Engineering and Applied Science

Things change in big ways. Try to see the changes early. Try not to be too locked in. Ask the what ifs.

- Daniel Yergin

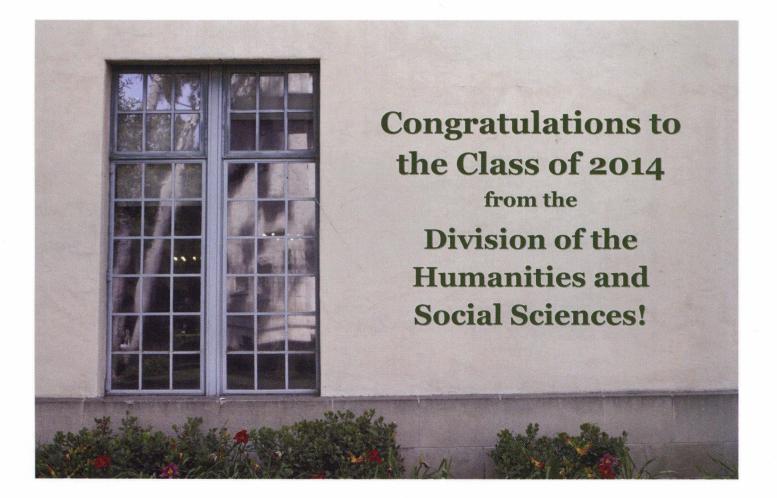
RIDE

Pulitzer Prize-winning energy expert and Caltech 2014 Commencement speaker

### **Congratulations Class of 2014!**

# Congratulations to the Class of 2014!

The Office of the President wishes you success and happiness in all of your future endeavors.



SUMMER UNDERGRADUATE RESEARCH FELLOWSHIPS



Don't miss out on Caltech's favorite sport...



Early January - SURF Information Session Late February - SURF Applications Due Mid-June to Late August - SURF

Late October - SURF Seminar Day



To find out more, visit sfp.caltech.edu



Congratulations Laura, Caroline, Katja, Josie, Jessica, and Ted!

Thank you for your involvement with the Y.

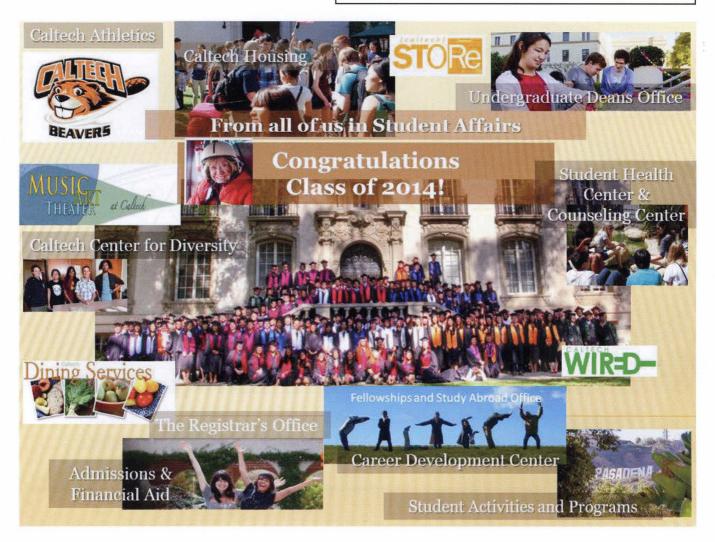
You've made a world of difference.











### CONGRATULATIONS TO THE GRADUATES OF 2014



As a part of the Caltech family, we wish the Class of 2014 a successful and rewarding future!



### Where Your Membership Lasts a Lifetime!

Thanks to you, your immediate family is eligible to join CEFCU. Once they join, they too will be members for life and can pass on the benefits to their family.



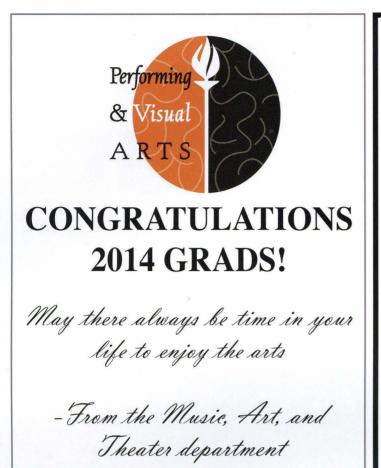
Your Caltech family is about to get a whole lot larger. Access a remarkable network of fellow alumni who take on enormous challenges with courage and creativity. Discover the Caltech Alumni Association.

### OUR GREATEST DISCOVERY IS YOU



- 1. Cyrus Behroozi (BS '97), engineer with Google[x]'s Project Loon
- 2. Arati Prabhakar (PhD '85), director of DARPA
- 3. Martin Karplus (PhD '54), recipient, 2013 Nobel Prize in Chemistry
- 4. Iram Parveen Bilal (BS '04), film director
- 5. Paul Steinhardt (BS '74), theoretical physicist and 2014 Distinguished Alumnus
- 6. Michael Chwe (BS '85) author, Jane Austen, Game Theorist

#### alumni.caltech.edu/join





Congratulations & all the best to the Class of 2014 from the Physics, Mathematics & Astronomy Division

#### **CONGRATULATIONS TO THE CLASS OF 2014!**



FROM THE OFFICES OF THE PROVOST AND VICE PROVOSTS

# 2013-2014 IN REVIEW

#### Non-Discrimination Rocking the Nation Tune 26, 2013

A Supreme Court decision strikes down DOMA, and gay marriages must be recognized by the federal government.

#### iosity Didn't Kill the Cat

September 2013

The Curiosity Rover makes a big water discovery in Mars dirt.

### Snapchat

Snapchat becomes a huge success, updating its technology with new filters and increase its user base exponentially. Within two years, Snapchat has become an \$860 million company

#### Beyonce Drops It Like It's Hot

December 13, 2013 Beyoncé releases her secret album , giving her fans the best Christmas present ever.

#### Diapers, Bottles, & a Crown



January 22, 2014 Prince George of Cambridge, the royal baby boy of Kate Middleton and Prince George, celebrates six months in this world.

#### A Prospective Student?



August 14, 2014 The cast of Modern Family visits Caltech's campus to film an episod of this award-winning show

#### Obama Drama Llama

October 17, 2013 The U.S. government reopens after President Obama signs a bill ending the government shutdown.

#### A Day of Mourning

December 5, 2013



The world sees former South American president die at the age of 95. He will be missed.

#### The Era of Twerk

From Miley's famous VMA performance introducing this new dance move/exercise/ lifestyle to Nicki Minaj's music video for Anaconda, twerking has seen its fair share of fame and glory in the past year.

#### Hacktech

January 24-26, 2014



Coders and geniuses came out from all over the country to participate in the Caltechhosted hackathon in Santa Monica. Kshitij Grover ('17) and Shubankar Jain ('17) were largely responsible for its success.

#### We're Yelling Tinder!

April 2014

Finder has more than 10 million estimated active laily users!

#### In the Spur of the Moment

me 15, 2013

San Antonio Spurs defeat the Miami Heat to bring home their fifth NBA championship in the franchise's history. San Antonio's Kawhi Leonard was named the MVP.



# Congratulates the Class of 2

We hope these graduates the best as they continue their journeys after Caltech. They will always be part of the Beaver family.

# Class of





Meghana Pagadala Editor-in-Chief



Michael Wong Layout Editor "The Saviour"



Harinee Maiyuran Editor



Monica Enlow Business Manager



Bianca Lepe Staff Academics/Faculty "Honorary Indian"



Soumya Kannan Staff Athletics "The Beyonce"



Monique Alkiewicz Staff Academics/Faculty "Editor's BFFL"



Grace Lee Staff Student Life/Ads "Dollar Bill"



Heather Gold Staff Clubs and Organizations/Student Life "Latin Spice"



Meera Reghunathan Staff Houses "Barely Legal"



Parul Pubbi Staff Houses/Student Life "Can't Copy This"

#### Dear Staff,

Thank you so much for your commitment and hard work! Because of you, we were able to produce an amazing yearbook and we couldn't have done it without you. You are rockstars!

> Sincerely, Meghana Pagadala Editor-in-Chief

#### Photo Contributors

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Sophia Chen Klavdia Olegovna Brad Chattergoon

#### Special Thanks to

Catherine Jamshidi Debra Tuttle Tom Mannion Balfour Publishing Jasmine Safaeian Corey Mundwiler





